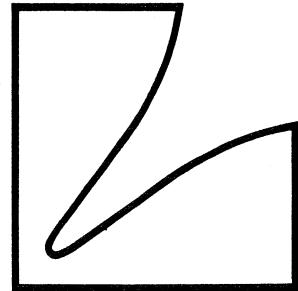
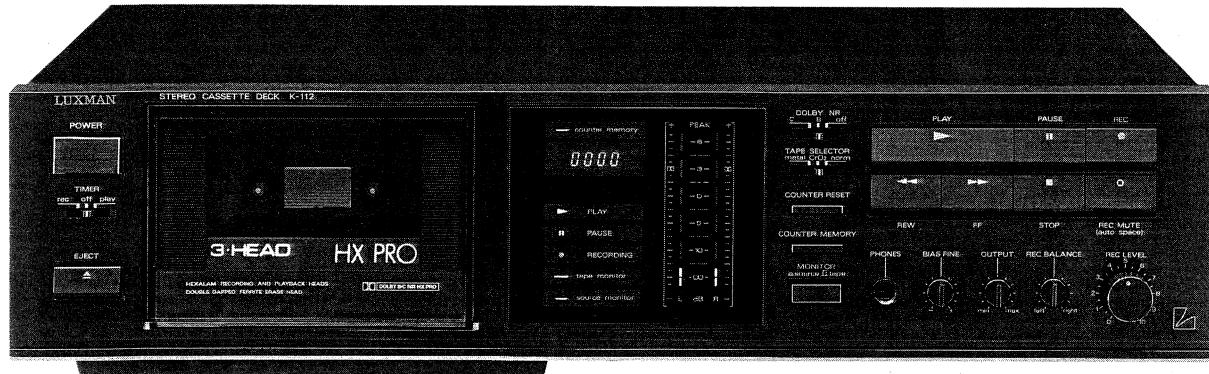


SERVICE MANUAL



Stereo Cassette Deck

K-112



Contents

Specifications	2
Parts Locations and Disassembly Instructions	3 to 6
Adjustment Procedures	7 to 8
Block Diagram	9
Packing Assemblay Parts List	10
Packing Method View	10
Parts Layout on P. C. Boards and Wiring Diagram	11 to 13
Schematic Diagram (1/2)	14 to 16
Schematic Diagram (2/2)	17 to 19
Electrical Parts List	20 to 28
Cabinet Assembly Parts List	29
Exploded View (Cabinet)	30 to 31
Exploded View (Cassette Desk)	32 to 33
Cassette Deck Assembly Parts List	34
Semi-conductor Lead Identification	35 to 38

Specifications

Power Source	AC120V, 60Hz (UC, UQ model only) AC220~240V, 50/60Hz (AD model only)
Tape Speed (MTT-111)	4.76cm/sec. ±2%
Wow & Flutter (MTT-111, JIS WRMS)	0.1%
FF/REW Time (C-60)	105 sec.
Frequency Response (Playback, ±4 dB)	Normal : 40Hz~14kHz CrO ₂ : 40Hz~15kHz Metal : 40Hz~16kHz
S/N Ratio (JIS weighted "A" curve)	Dolby NR-OFF : Normal 50 dB, CrO ₂ /Metal 50 dB Dolby NR-B : Normal/CrO ₂ /Metal 57 dB Dolby NR-C : Normal/CrO ₂ /Metal 63 dB
Input Sensitivity	Line : 100mV
Output Level/Impedance	Line : 500mV±1.5 dB/47K ohm Headphone : 100mV/8 ohm
Distortion 3rd (0 dBm input at 333Hz)	Normal/CrO ₂ : 3% Metal : 3.5%
Semiconductors	18 IC's, 52 Transistors, 40 Diodes, 5 Zener Diodes
Chassis Dimensions	438 (W) × 110 (H) × 318.5 (D) mm
Weight	4.3kg

NOTE : Due to continuing product improvement, specifications and design are subject to change without notice.

Parts Locations and Disassembly Instructions

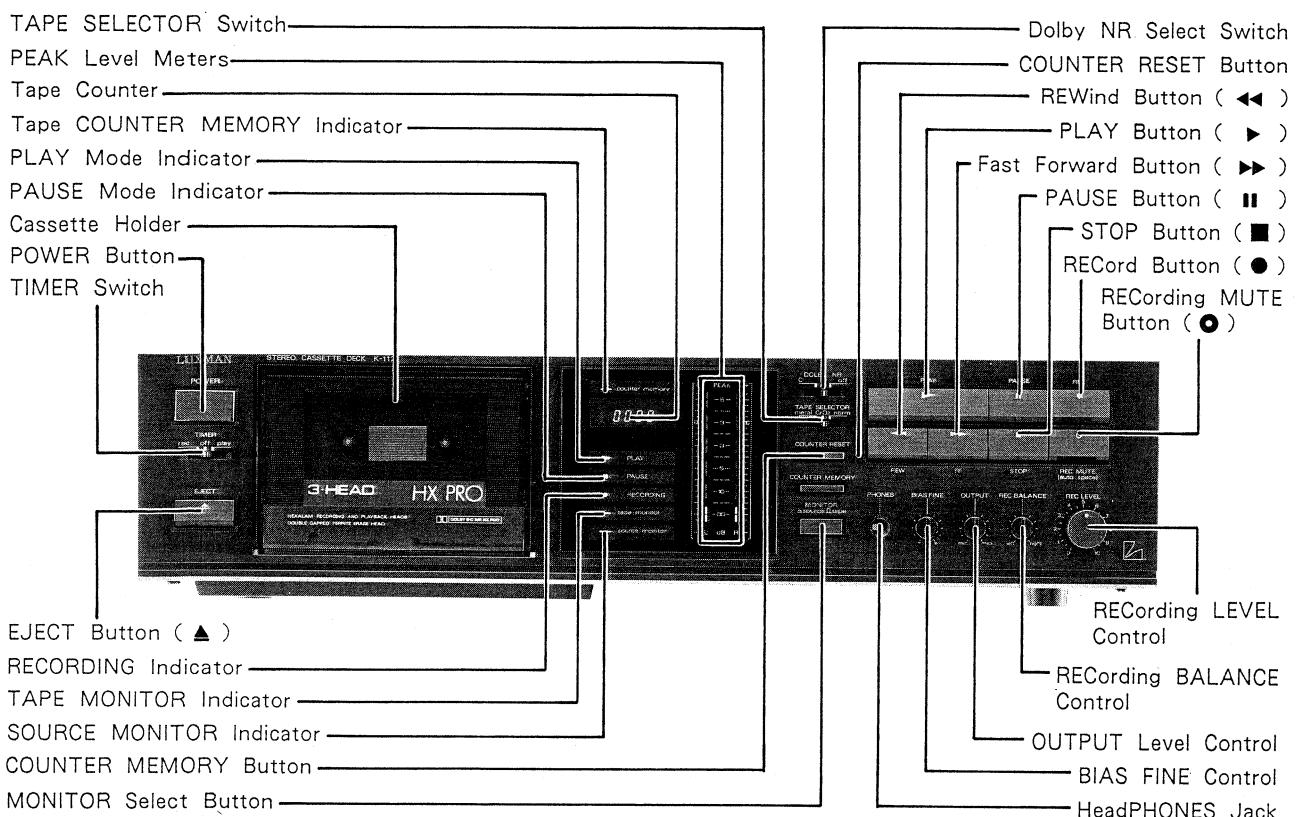


Figure 1

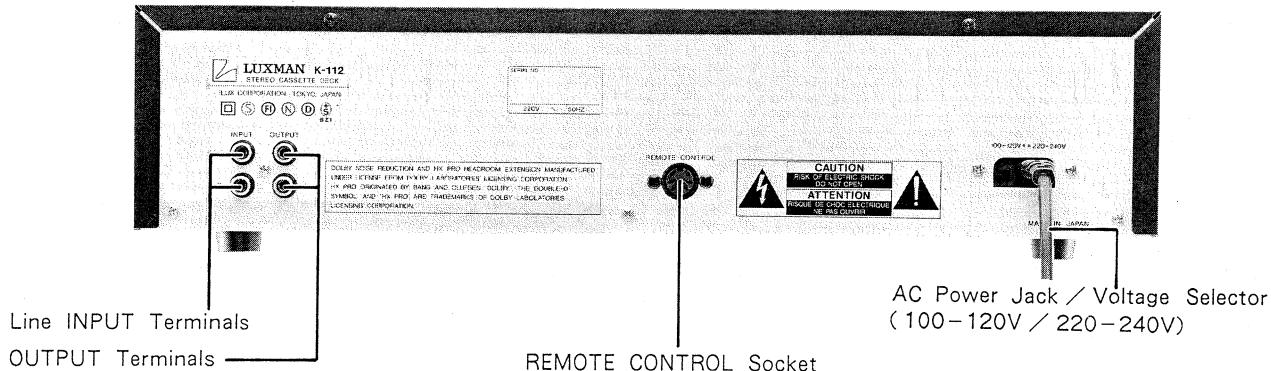


Figure 2

1. Removal of Top Cover

- (1) Remove six screws marked **A** on the rear and both sides as shown in Figure 3.
- (2) Remove the top cover by spreading and lifting it.

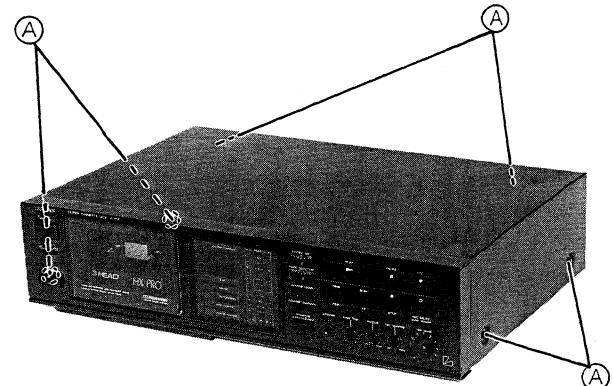


Figure 3

2. Removal of Front Panel

- (1) After removal of top cover, remove the two screws marked **B** beside the power switch as shown in Figure 4.
- (2) Remove one screw marked **C** of the timer switch as shown in Figure 4.
- (3) After removal of all connectors on the Main P. C. Board, remove six screws marked **D** on the bottom as shown in Figure 5 and remove the front panel by pulling ahead.

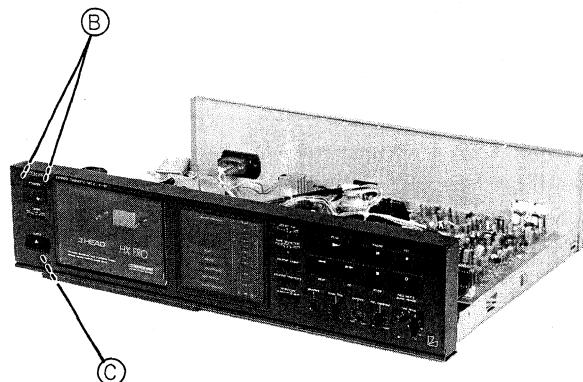


Figure 4

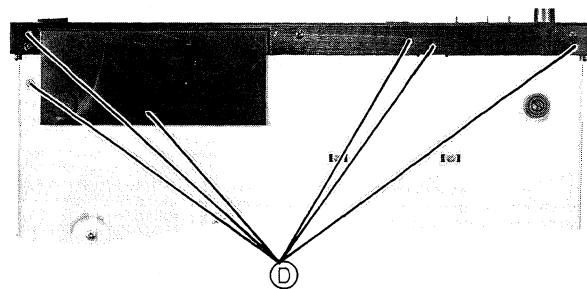


Figure 5

3-1 Removal of Cassette Mechanism.

- (1) After removal of the front panel, open the cassette door by pressing the eject button.
- (2) Remove 3P plug on LED P. C. Board and four red screws marked (E) on the mechanism as shown in Figure 6.

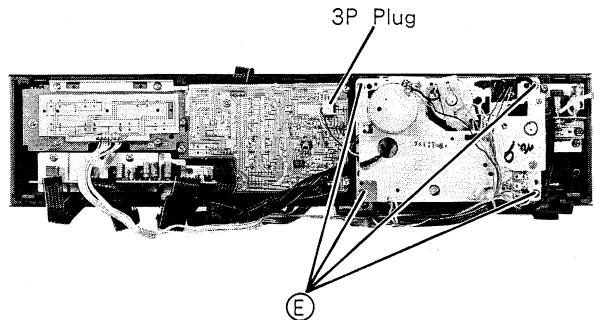


Figure 6

3-2 Removal of Operation P. C. Board

- (1) After removal of the front panel, remove two screws marked (F) on the stay bracket as shown in Figure 7.
- (2) Remove four screws marked (G) on the Operation P. C. Board as shown in Figure 7.

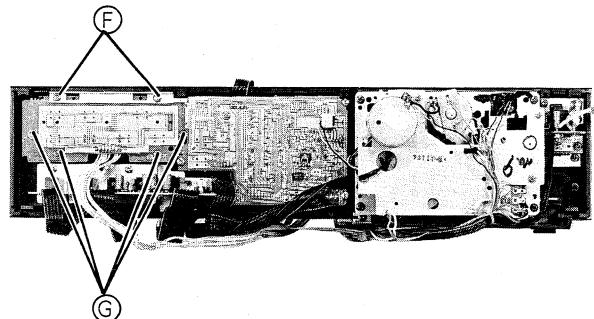


Figure 7

3-3 Removal of LED P. C. Board

- (1) After removal of Operation P. C. Board, remove four screws marked (H) on the LED P. C. Board as shown in Figure 8.

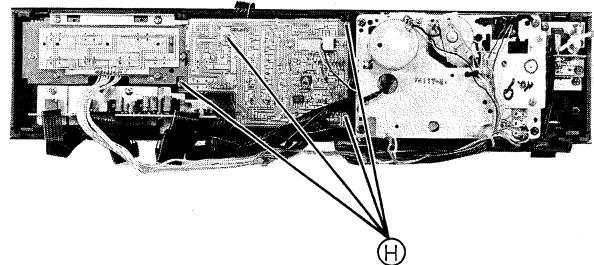


Figure 8

3-4 Removal of Volume P. C. Board

- (1) After removal of LED P. C. Board, remove two screws marked (I) of the volume bracket as shown in Figure 9.

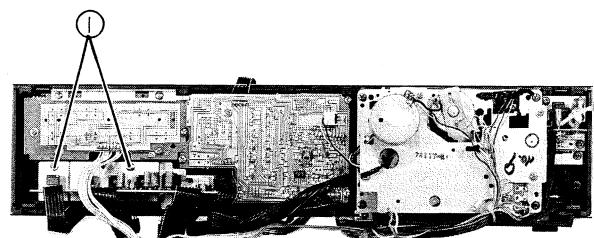


Figure 9

4. Removal of Main P. C. Board

- (1) After removal of the front panel, remove one screw marked **K** on the pin jack part and two rivets marked **J** on the remote control part as shown in Figure 10.
- (2) Release the chassis claw marked **M** supporting the main P. C. Board in the direction of arrow as shown in Figure 10.
- (3) Press the P. C. Board supports marked **L** in the direction of arrow and lift the main P. C. Board as shown in Figure 10.

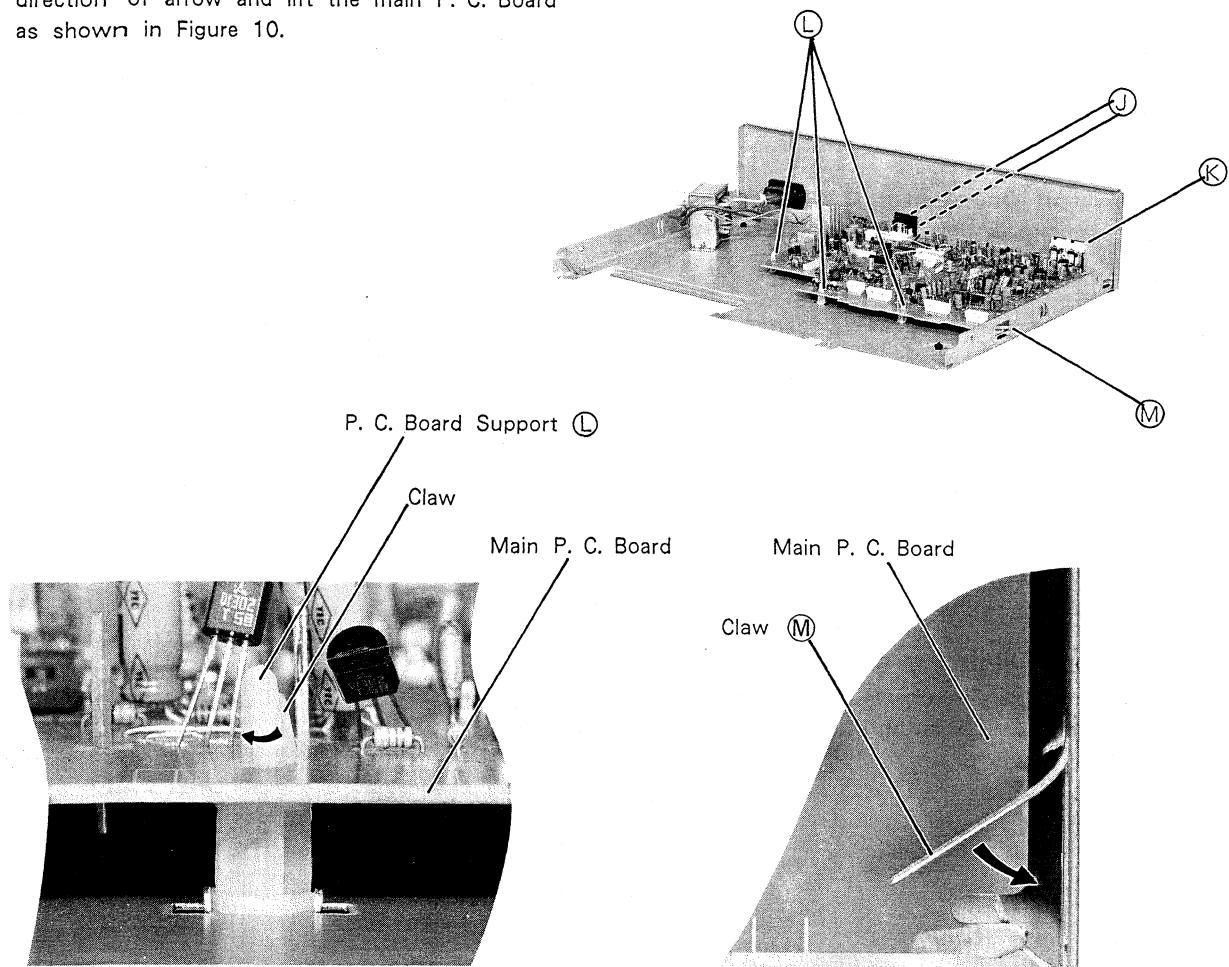


Figure 10

Adjustment Procedures

TEST EQUIPMENTS

1. VTVM (Vacuum Tube Voltmeter)
2. Signal Generator
3. Resistance Attenuator
4. Screwdriver
5. Test Tapes:
MTT-111 (Speed 3 kHz - 5 dB)
MTT-114 (Azimuth 10 kHz)
MTT-150 (Dolby 400 Hz Modulation)
AC-512 (Chrome Tape)
6. Frequency Counter

1. HEAD AZIMUTH ADJUSTMENT

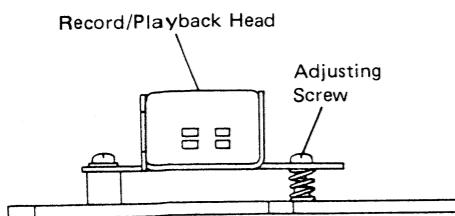


Figure 11

2. TAPE SPEED

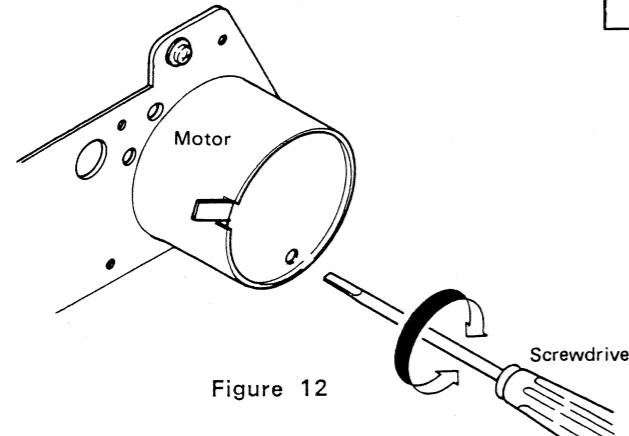


Figure 12

3. PLAYBACK SENSITIVITY ADJUSTMENT

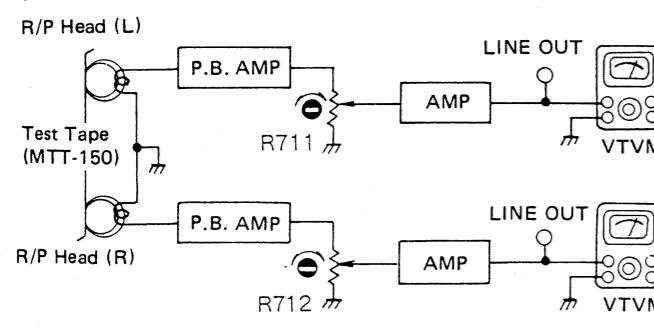


Figure 13

4. BIAS OSCILLATOR ADJUSTMENT

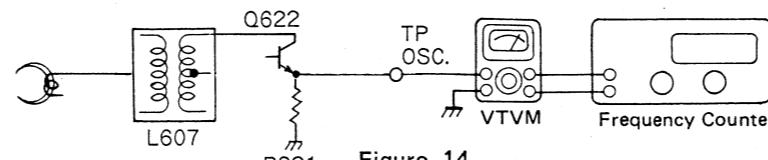


Figure 14

5. LINE INPUT SENSITIVITY ADJUSTMENT

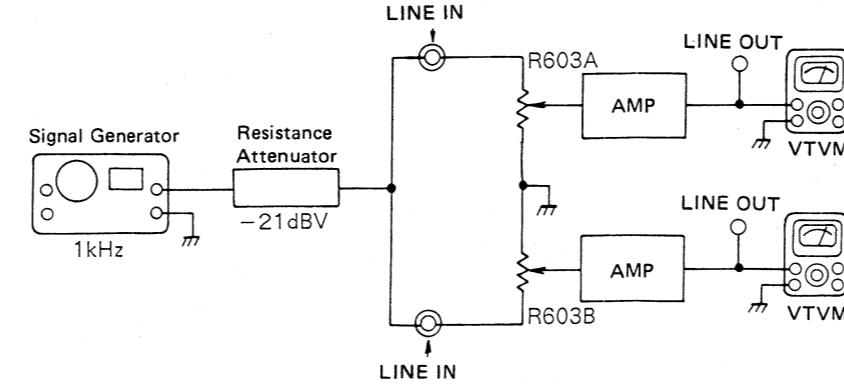


Figure 15

6. RECORD/PLAYBACK FREQUENCY ADJUSTMENT

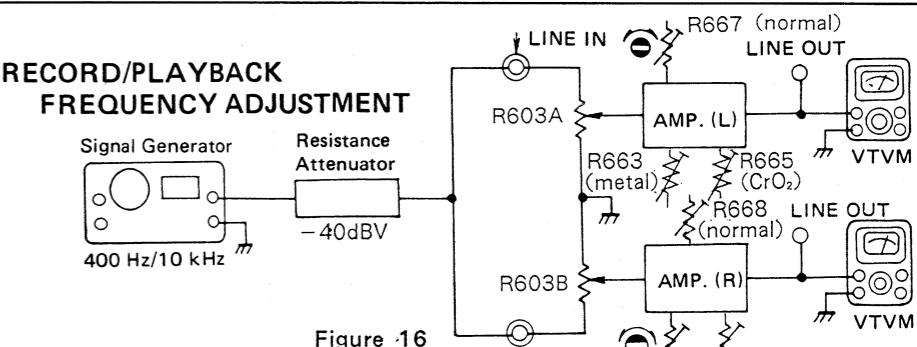


Figure 16

7. RECORD/PLAYBACK SENSITIVITY ADJUSTMENT

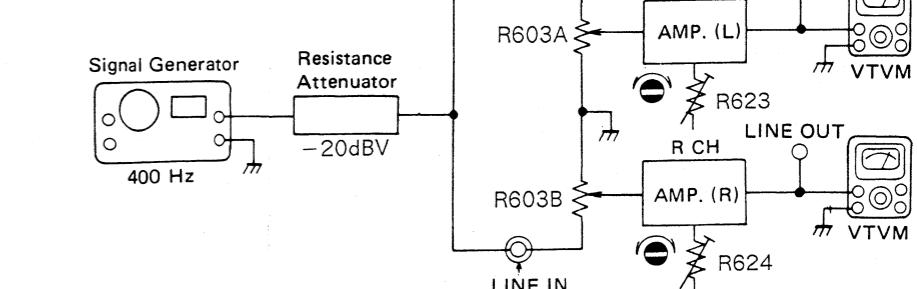
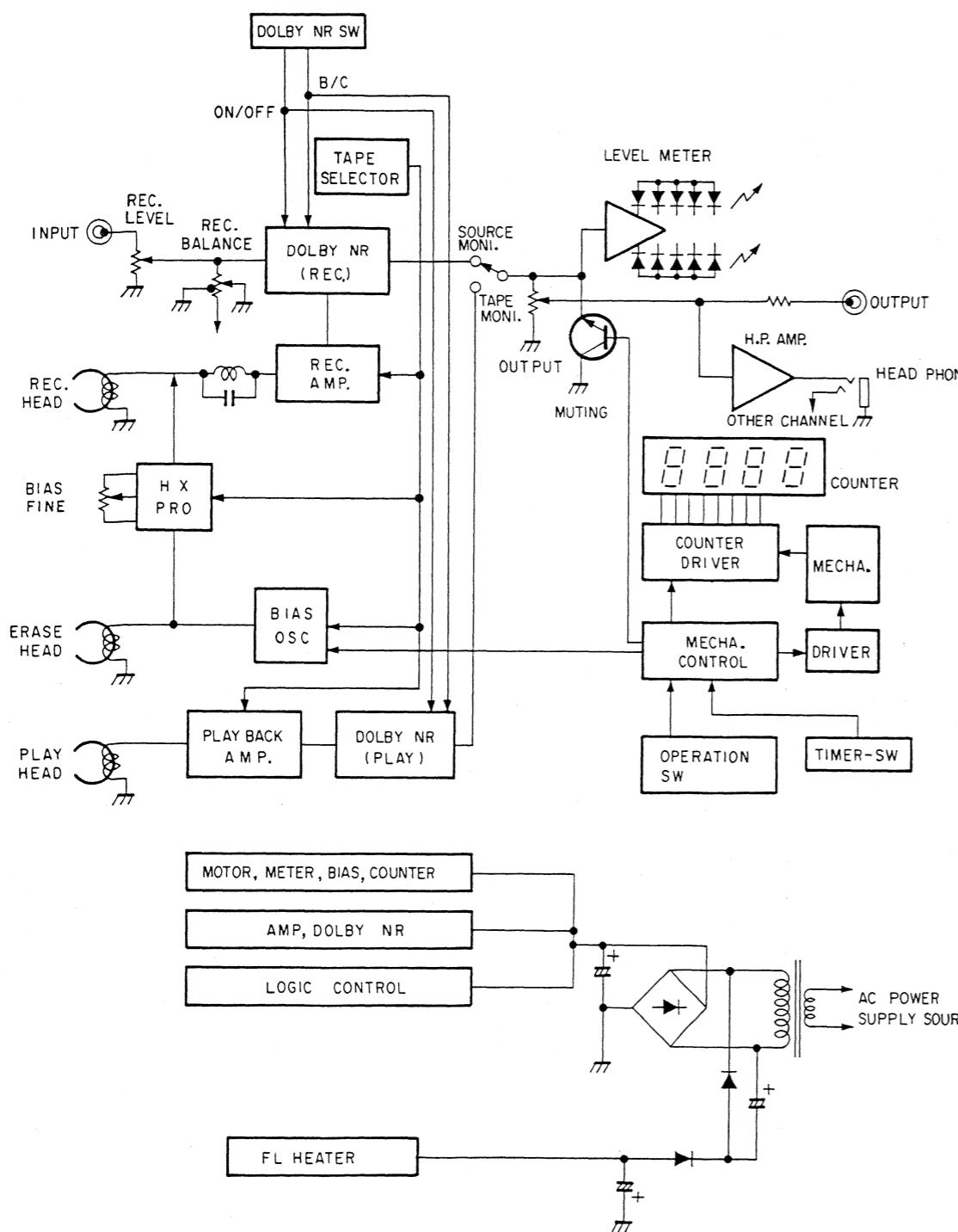


Figure 17

No.	Adjustment Item	Test Value	Test Tape	Rec. Level Control R407	Switch Position			Adjustable Parts	Test Point	Input Frequency	Connection	Remarks
					TAPE	NR	INPUT					
1	Head Azimuth Adjustment	Maximum	MTT-114		NOR	OUT		Adjusting Screw	LINE OUT	-	See Figure 11	Apply a lock paint after adjustment.
2	Tape Speed	3000 ±30 Hz	MTT-111		NOR	OUT		Internal Semifixed VR of Motor	LINE OUT	-	See Figure 12	Take-up beginning of tape.
3	Playback Sensitivity Adjustment	500±10mV	MTT-150		NOR	OUT		R711, 712	LINE OUT	-	See Figure 13	
4	Bias Oscillator Adjustment	105kHz	-		METAL	OUT		L607	TP OSC.	-	See Figure 14	REC
5	Line Input Sensitivity Adjustment	500±10mV	-	Adjustment	NOR	OUT	LINE IN	REC-VR R603A, 603B	LINE OUT	1kHz -21dB	See Figure 15	Do not vary REC-VR after adjustment.
6	Rec/PB Frequency Adjustment	0 ± 1 dB	AC-223 AC-512 AC-712	Adjustment	NOR CrO ₂ METAL	OUT	LINE IN	R667, 668 R665, 666 R663, 664	LINE OUT	400Hz 10kHz -41dB 400Hz 10kHz -41dB 400Hz 10kHz -21dB	See Figure 16	Variation of 10 kHz to 400 Hz.
7	Rec/PB Sensitivity Adjustment	Monitor Output	AC-223	Adjustment	NOR	OUT	LINE IN	R623, 624	LINE OUT	1kHz -21dB	See Figure 17	Monitor Output : 500mV (Reference Value)
Measurement Condition				<ul style="list-style-type: none"> Power Supply: AD = 220 ~ 240V, UC, UQ = 120V Input: 0 dB 1V rms LINE IN (Input Impedance): 600 ohms LINE OUT (Load Impedance): 47K ohm Test Point Load Impedance: Non Load. 								

Block Diagram

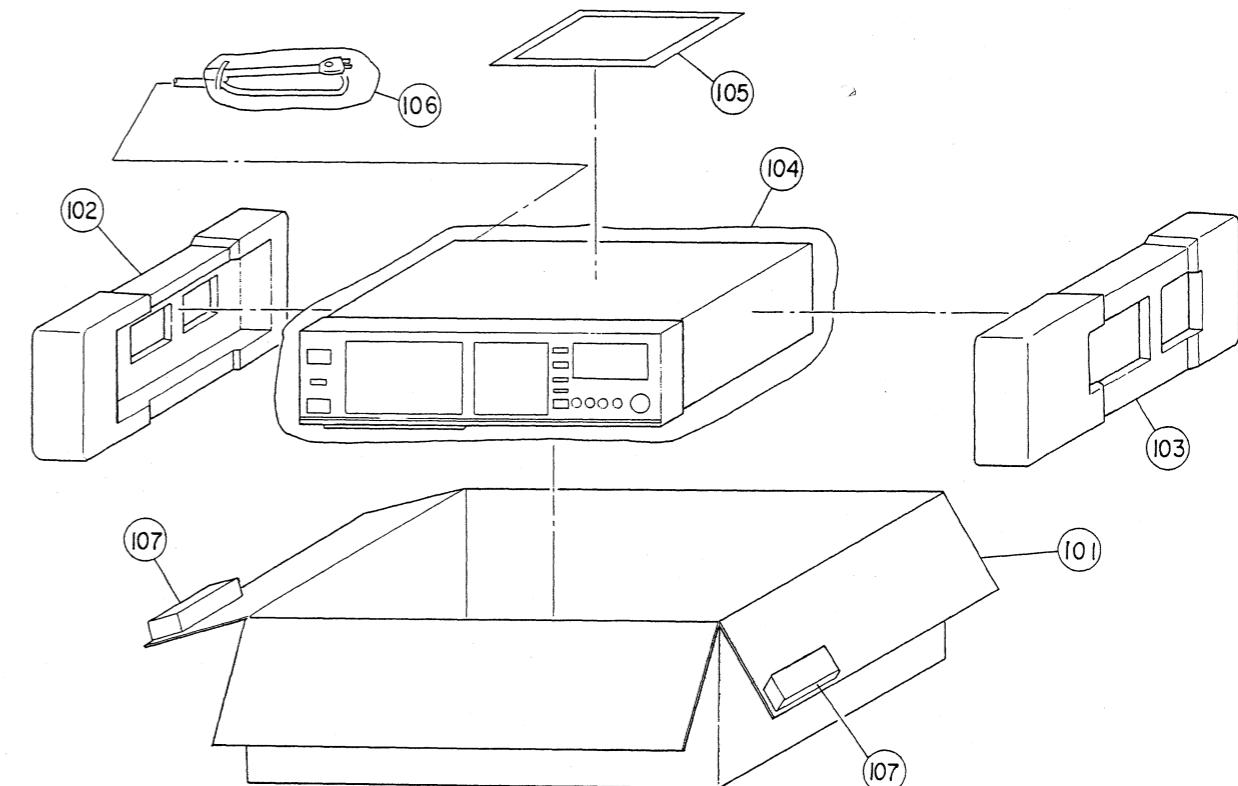


Packing Assembly Parts List

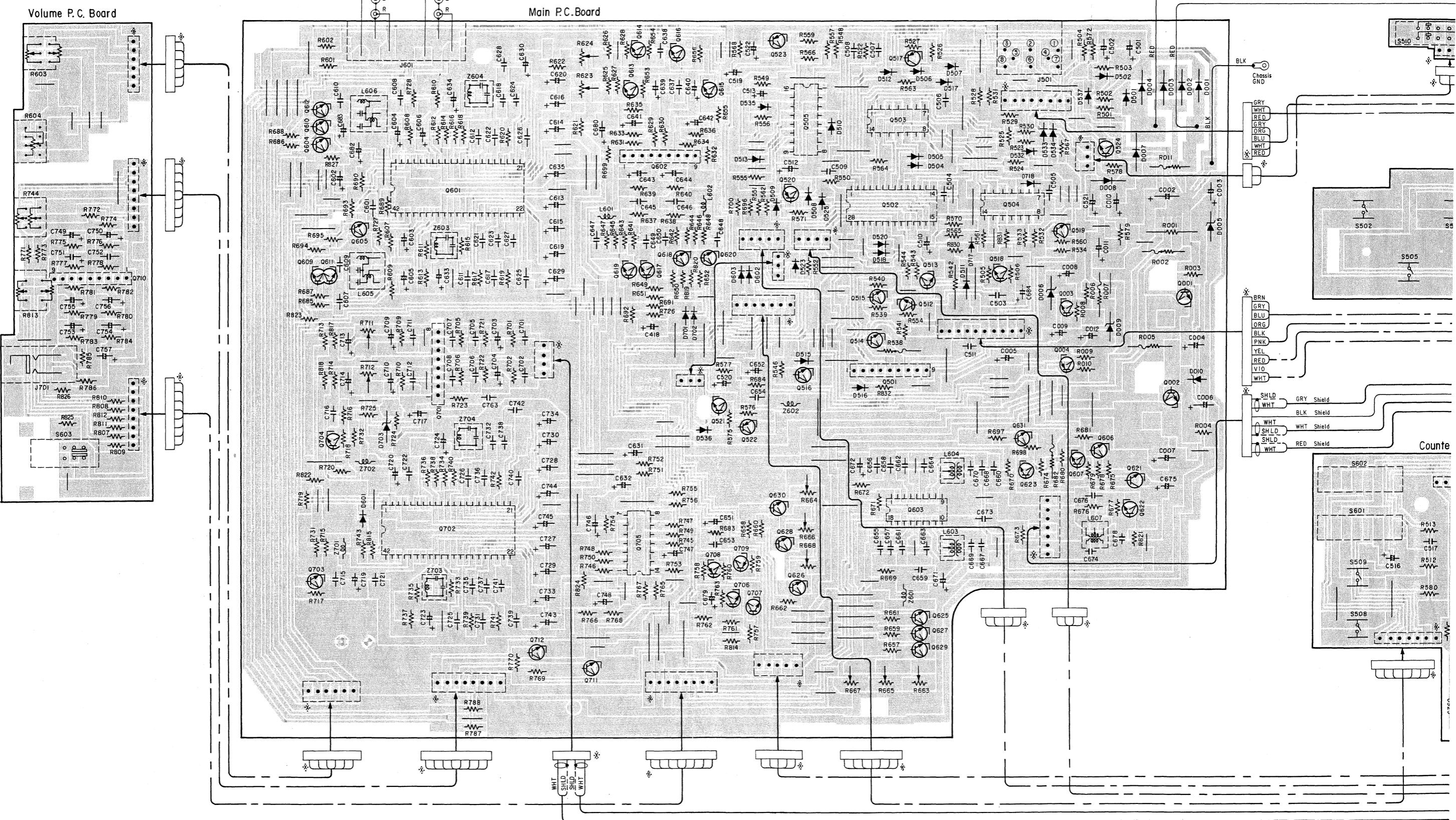
Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
101	92929660	Box - Primary	▲ 105-5	92906881	Warranty-Card
102	92939845	Tray Packing (L)	■ 105-6	92906880	Warranty-Card
103	92939846	Tray Packing (R)	■ 105-7	92906882	Reply-Card
104	92941840	Sack, Polyethylene	■ 106	92941302	Sack, Polyethylene
105	92197073	Plug, US1P-Cord	▲ 106	92941302	Sack, Polyethylene
● 105-1	92176616	Power-Cord	107	92936621	Cushion
● 105-2	92906874	Card-V.D.E.			
● 105-3	92954770	OWNERS-MANUAL			
▲ 105-3	92954770	OWNERS-MANUAL			
■ 105-4	92954780	OWNERS-MANUAL			

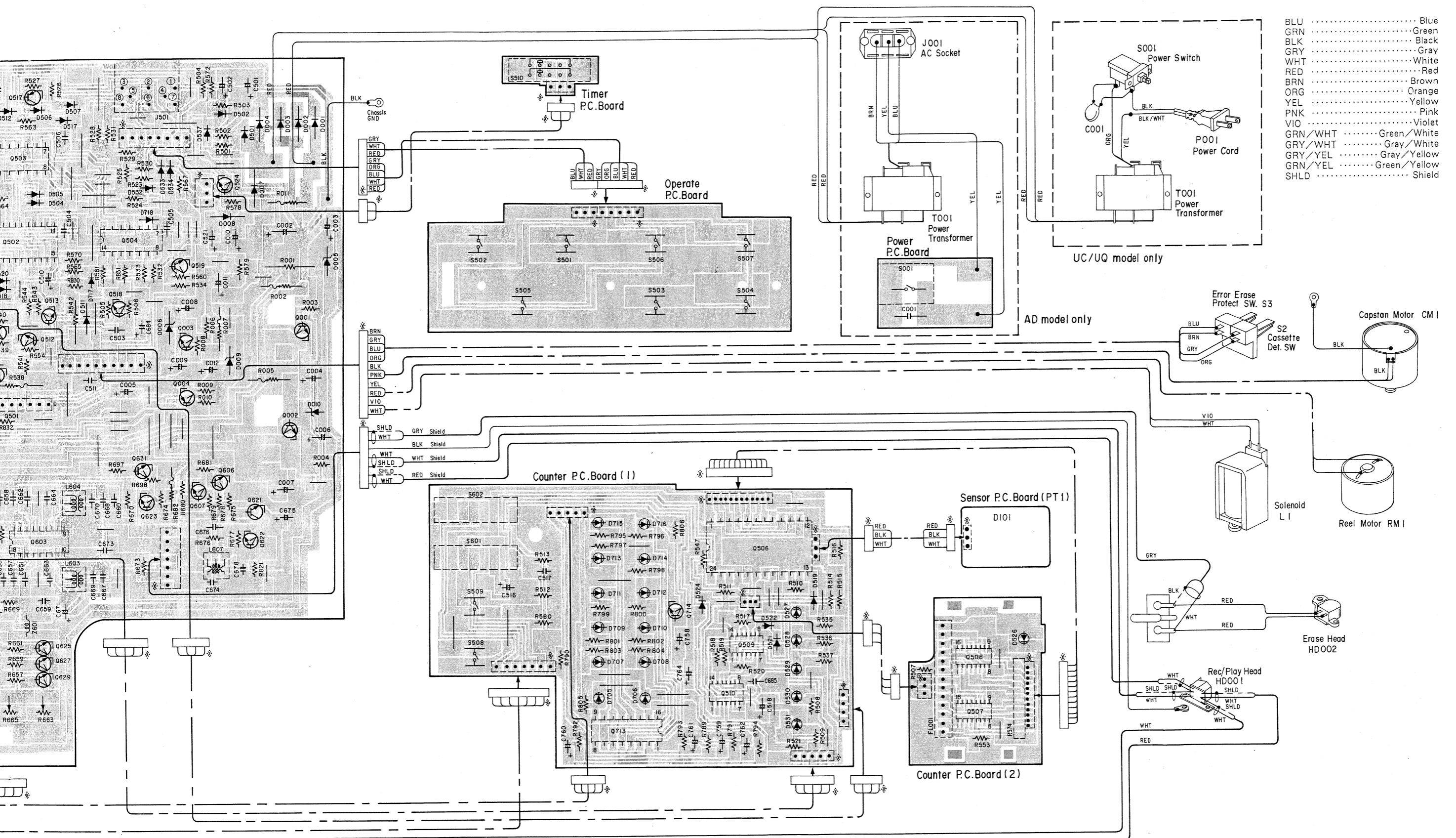
Notes : ● : West German model only (AD), ▲ : Canadian model only (UQ),
■ : American model only (UC), Others : Common.

Packing Method View



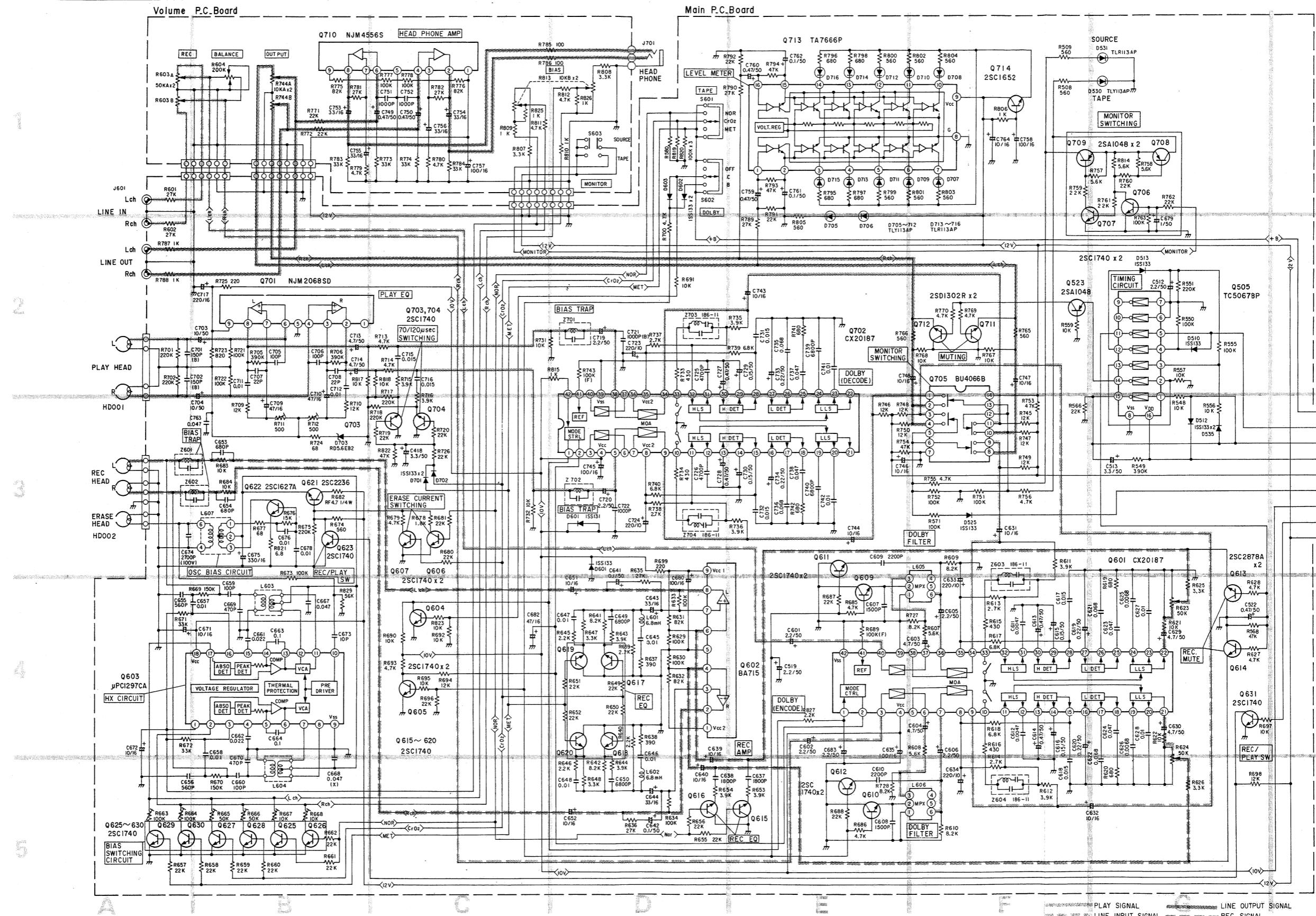
Parts Layout on P.C. Boards and Wiring Diagram





Schematic Diagram (1/2)

I C (Q)	0603	0701	0710	0702	0602	0713	0705	0601	0714	0505											
Transistor (Q)	0629	0630	0627	0628	0622	0621	0623	0703	0704 ~ 0607	0611 ~ 0620	0616	0615	0611	0609	0712	0711	0523	0706 ~ 0709	0613	0614	0631



Q 6 0 2
1 10.4V
2 5.5V
3 5.5V
4 5.5V
5 5V
6 5.5V
7 5.5V
8 5.5V
9 10V

Q 7 0 1
1 8.4V
2 5.6V
3 5.6V
4 5.6V
5 5V
6 5.6V
7 5.6V
8 5.6V
9 8.4V

Q 7 1 0
1 10.4V
2 5.6V
3 5.6V
4 5.6V
5 5V
6 5.6V
7 5.6V
8 5.6V
9 10.4V

Q 7 0 5
1 5.2V
2 5.2V
3 5.2V
4 5.2V
5 Mono Source
6 Mono Source
7 0V

Q 6 0 4
NR-C E
Other OV

Q 6 0 5
E
NR-ON OV

Q 6 0 6
Other
Rec CrO₂ Metal

Q 6 0 7
Other
Rec CrO₂
Rec Nor Metal

Q 6 0 9, 6 1 1
NR-ON OV
Other OV

Q 6 1 3, 6 1
E
Rec OV
Other OV

Q 6 1 5, 6 1
E
Nor OV
Other OV

Q 6 1 7, 6 1
E
CrO₂ OV
Other OV

Q 6 1 9, 6 2
E
Metal OV
Other OV

Q 6 2 1
Other
Rec Rec Mute

Q 6 2 3
Other
Rec Rec Mute

A

B

C

D

E

F

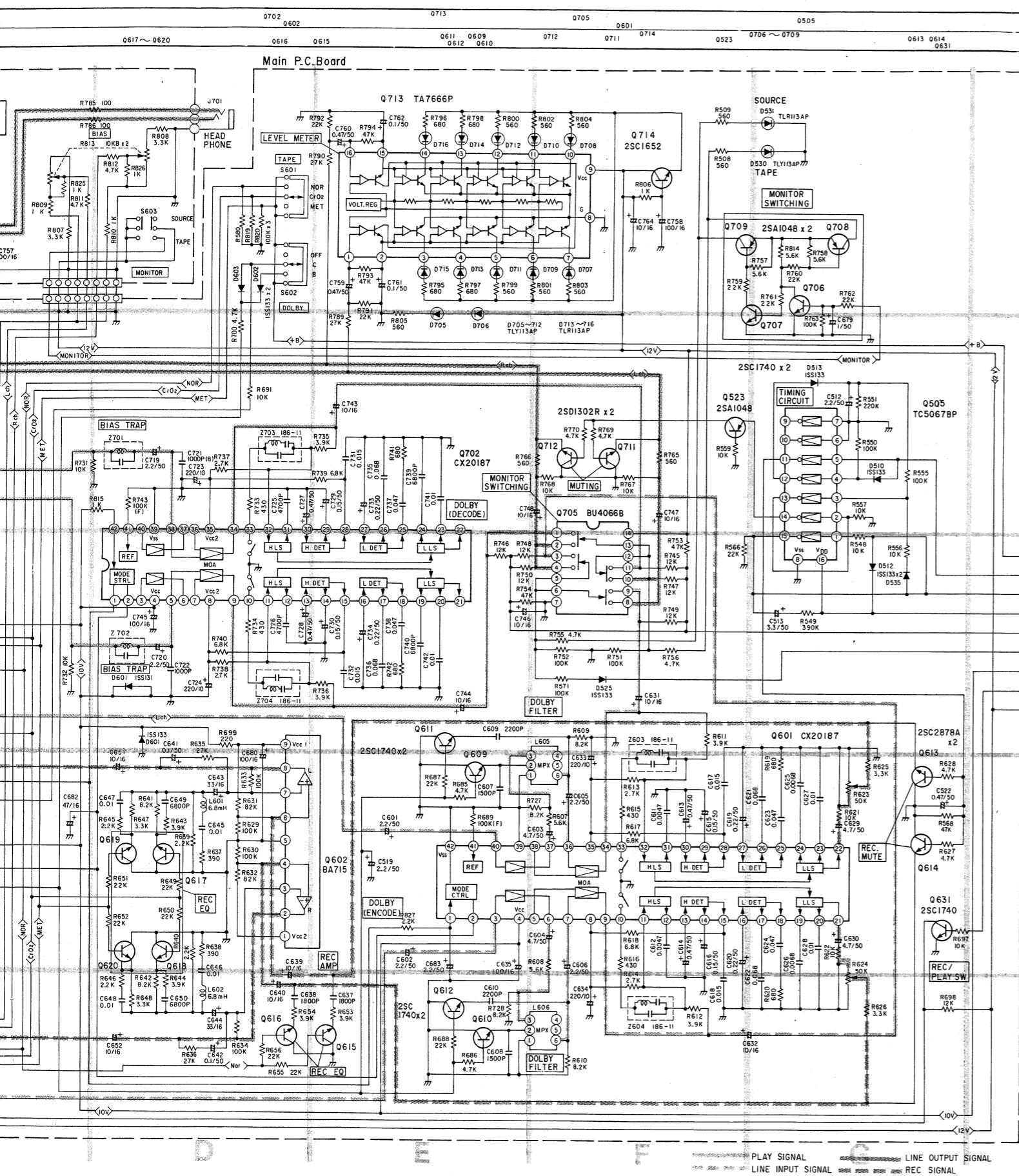
G

H

I

J

K

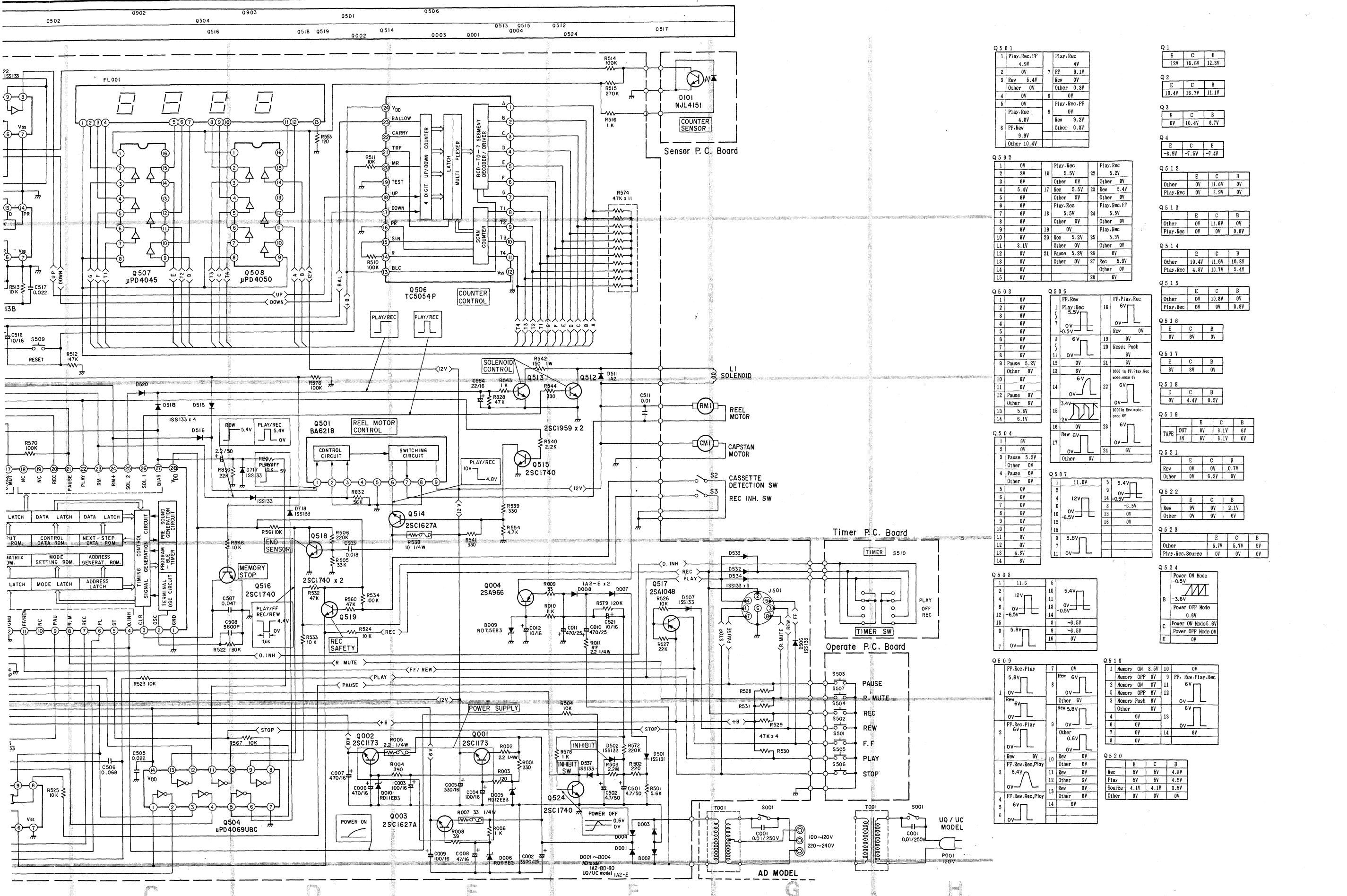


Q 6 0 2	1 4.4V 10 1.6V
2 Bias fine cout	11 0V
3 5.5V	12 0V
4 5.5V	13 0V
5 0V	14 0V
6 5.5V	15 0.6V
7 5.5V	16 4.4V
8 5.5V	17 Bias fine cout 0.7 ~ 3.5V
9 10V	18 10.4V
Q 6 0 3	1 5.4V 9 6V
2 Bias fine cout	10 6V
3 5.5V	11 Rec 0V
4 5.5V	12 Other 5.8V
5 0V	13 Play, Rec, Source 0V
6 5.5V	14 Other 6V
7 5.5V	15 Other 5.5V
8 0V	16 Play, Rec, Source 0V
9 0V	17 Play, Rec, Source 0V
Q 5 0 5	1 5.4V 9 6V
2 Bias fine cout	10 6V
3 5.5V	11 Rec 0V
4 5.5V	12 Other 5.8V
5 0V	13 Play, Rec, Source 0V
6 5.5V	14 Other 6V
7 5.5V	15 Other 5.5V
8 0V	16 Play, Rec, Source 0V
9 0V	17 Play, Rec, Source 0V
Q 7 0 1	1 8.4V 21 5.5V
2 5.5V	22 5.5V
3 5.5V	23 5.5V
4 5.5V	24 5.5V
5 0V	25 5.5V
6 5.5V	26 0.4V
7 5.5V	27 0.4V
8 0V	28 5.5V
9 8.4V	29 0.3V
Q 7 0 2	1 Other 10.4V 21 5.5V
2 NR-C 0V 22 5.5V	
3 NR-OFF 10.3V 23 5.5V	
4 5.5V	24 5.5V
5 0V	25 5.5V
6 5.5V	26 0.2V
7 5.5V	27 0.3V
8 5.5V	28 5.5V
9 5.5V	29 0.3V
Q 7 1 0	1 10.4V 21 5.5V
2 5.5V	22 5.5V
3 5.5V	23 5.5V
4 5.5V	24 5.5V
5 0V	25 5.5V
6 5.5V	26 0.3V
7 5.5V	27 5.5V
8 5.5V	28 5.5V
9 5.5V	29 5.5V
Q 7 0 3	1 1.4V 9 11.6V
2 5.2V 9 5.2V	
3 5.2V 10 5.2V	
4 5.2V	11 5.2V
5 Moni 0V	12 Moni 9.9V
6 Moni 0V	13 Moni 9.9V
7 9.8V 14 9.7V	
8 9.8V 15 1.4V	
9 0V	16 1.4V
Q 7 0 4	1 E C B
NR-C 0V 0V 0.6V	
Other 0V 10.4V 0V	
Q 6 0 5	1 E C B
NR-C 0V 0V 0.6V	
Other 0V 10.4V 0.6V	
Q 7 0 5	1 5.2V 8 5.2V
2 5.2V 9 5.2V	
3 5.2V 10 5.2V	
4 5.2V	11 5.2V
5 Moni 0V	12 Moni 9.9V
6 Moni 0V	13 Moni 9.9V
7 9.8V 14 9.7V	
8 9.8V 15 1.4V	
9 0V	16 1.4V
Q 7 1 3	1 1.4V 9 11.6V
2 5.2V 9 5.2V	
3 5.2V 10 5.2V	
4 5.2V	11 5.2V
5 Moni 0V	12 Moni 9.9V
6 Moni 0V	13 Moni 9.9V
7 9.8V 14 9.7V	
8 9.8V 15 1.4V	
9 0V	16 1.4V
Q 6 0 6	1 E C B
NR-C 0V 0V 0.6V	
Other 0V 10.4V 0V	
Q 6 2 2	1 E C B
NR-C 0V 0V 0V	
Other 0V 0V 0V	
Q 6 0 5	1 E C B
NR-C 0V 0V 0.6V	
Other 0V 10.4V 0.6V	
Q 6 0 6	1 E C B
Normal 0V 0V 0.6V	
Rec CrOz 0V 0.8V 0V	
Other 0V CrOz Metal 3V 0V	
Q 6 2 5, 6 2 6	1 E C B
Normal 0V 0V 0.6V	
Rec CrOz Metal 0V 0.8V 0V	
Other 0V CrOz Metal 3V 0V	
Q 6 0 7	1 E C B
Other 0V 0V 0V	
CrOz 0V 0V 0.6V	
Rec CrOz 0V 0.8V 0V	
Other 0V Nor 0.9V Met 3V 0V	
Q 6 2 9, 6 3 0	1 E C B
Metal 0V 0V 0.6V	
Other 0V Nor 0.9V CrOz 1.2V 0V	
Q 6 1 3, 6 1 4	1 E C B
Rec 0V 0V 0.6V	
Other 0V 0.7V 0V	
Q 6 1 5, 6 1 6	1 E C B
Nor 0V 0V 0.6V	
CrOz Metal 0V 0V 0.6V	
Other 0V 0V 0V	
Q 7 0 3, 7 0 4	1 E C B
Nor 0V 0V 0.6V	
CrOz Metal 0V 0V 0.6V	
Other 0V 0V 0V	
Q 6 1 7, 6 1 8	1 E C B
CrOz 0V 0V 0.6V	
Other 0V 0V 0V	
Q 7 0 5	1 E C B
Moni 0V 0V 0.7V	
Source 0V 8.7V 0V	
Q 6 1 9, 6 2 0	1 E C B
Moni 0V 0V 0.6V	
Source 0V 0V 0V	
Q 7 0 7	1 E C B
Moni 0V 0V 0.7V	
Source 0V 6.7V 0V	
Q 6 2 1	1 E C B
Moni 0V 0V 0.7V	
CrOz 0V 0V 0.7V	
Met 10.4V Met 10.8V Met 10.8V	
Q 7 1 1, 7 1 2	1 E C B
Nor 10.3V Nor 10.3V	
CrOz 10.3V CrOz 10.3V	
Met 10.1V Met 10.1V Met 10.1V	
Play, Rec Source 0V 0V 0V	
Q 7 1 4	1 E C B
11.2V 11.6V 11.6V	
Other 0V 0.7V 0.7V	
Rec, Rec Mute 0V 0V 0V	

NOTES:

- All resistance values are in ohms. K = 1,000
- All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

K - 112



Electrical Parts List

Capacitors : UF = microfarads, pF = picofarads

Abbreviations			
RES.=Resistor	CAP.=Capacitor	ELY.=Electrolytic	
C.F.=Carbon Film	CER.=Ceramic	MYL.=Mylar	
M.F.=Metal Film	TAN.=Tantalum	POLY.=Polystyrol	
M.O.=Metal Oxide Film	PP.=Polypropylene	PLT.=Polyethylene	
M.P.=Metal Plate			
TR.=Transistor			
TRANS.=Transformer			
CP.=Chip			
Symbol No.	Part No.	Description	
Volume P. C. Board			
IC/Switch/Jack			
Q710 S603 J701	92117815 92190238 92198317	IC, NJM4556S Switch-Push Jack, Headphone	
Capacitors			
C749 C750 C751 C752 C753	90418478 90418478 90343102 90343102 90415330	ELY., 0.47 μ F/50V ELY., 0.47 μ F/50V CER., 1000pF CER., 1000pF ELY., 33 μ F/16V	
C754 C755 C756 C757	90415330 90415330 90415330 90415101	ELY., 33 μ F/16V ELY., 33 μ F/16V ELY., 33 μ F/16V ELY., 100 μ F/16V	
Resistors (All resistors are Carbon 1/6W $\pm 5\%$ unless otherwise noted.)			
R603 R604 R744 R771 R772	92614204 92618003 92611011 90512223 90512223	Variable, 50k ohm (Rec-Level) Variable, 200k ohm (Rec-Balance) Variable, 10k ohm (Output) 22k ohm 22k ohm	
R773 R774 R775 R776 R777	90512333 90512333 90512823 90512823 90512104	33k ohm 33k ohm 82k ohm 82k ohm 100k ohm	
R778 R779 R780 R781 R782	90512104 90512472 90512472 90512273 90512273	100k ohm 4.7k ohm 4.7k ohm 27k ohm 27k ohm	

Symbol No.	Part No.	Description		
R783	90512333	33k ohm		
R784	90512333	33k ohm		
R785	90512101	100 ohm		
R786	90512101	100 ohm		
R807	90512332	3.3k ohm		
R808	90512332	3.3k ohm		
R809	90512102	1k ohm		
R810	90512102	1k ohm		
R811	90512472	4.7k ohm		
R812	90512472	4.7k ohm		
R813	92612016	Variable, 10k ohm (Bias Fine)		
R825	90512102	1k ohm		
R826	90512102	1k ohm		
Counter P. C. Board (1)				
IC's/Transistors				
Q506	80480540	IC, TC5054P		
Q509	92128049	IC, BU4069UBF		
Q510	92128048	IC, BU4013BF		
Q713	40356660	IC, TA7666P		
Q714	92128057	2SC1652-R		
Diodes/LED's				
D519	92119073	1SS133		
D521	92119073	1SS133		
D522	92119073	1SS133		
D524	92119073	1SS133		
D527	A8605695	LED, TLG113AP		
D528	38607985	LED, TLY113AP		
D529	A8600645	LED, TLR113AP		
D530	38607985	LED, TLY113AP		
D531	A8600645	LED, TLR113AP		
D705	38607985	LED, TLY113AP		
D706	38607985	LED, TLY113AP		
D707	38607985	LED, TLY113AP		
D708	38607985	LED, TLY113AP		
D709	38607985	LED, TLY113AP		
D710	38607985	LED, TLY113AP		
D711	38607985	LED, TLY113AP		
D712	38607985	LED, TLY113AP		
D713	A8600645	LED, TLR113AP		
D714	A8600645	LED, TLR113AP		
D715	A8600645	LED, TLR113AP		
D716	A8600645	LED, TLR113AP		

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
Switches									
S508	92196492	Tact			R795	90512681	680 ohm		
S509	92196492	Tact			R796	90512681	680 ohm		
S601	92190237	Slide			R797	90512681	680 ohm		
S602	92190237	Slide			R798	90512681	680 ohm		
Capacitors									
C516	90415100	ELY., 10 μ F/16V			R799	90512561	560 ohm		
C517	90351223	Axial CER., 0.022 μ F			R800	90512561	560 ohm		
C518	90418109	ELY., 1 μ F/50V			R801	90512561	560 ohm		
C685	90311100	CER., 10pF			R802	90512561	560 ohm		
C758	90415101	ELY., 100 μ F/16V			R803	90512561	560 ohm		
C759	90418108	ELY., 0.1 μ F/50V			R804	90512561	560 ohm		
C760	90418108	ELY., 0.1 μ F/50V			R805	90512561	560 ohm		
C761	90418479	ELY., 4.7 μ F/50V			R806	90512102	1k ohm		
C762	90418479	ELY., 4.7 μ F/50V			Operate P. C. Board				
C764	90415100	ELY., 10 μ F/16V			Switches				
Resistors (All resistors are Carbon 1/6W $\pm 5\%$ unless otherwise noted.)									
R508	90512561	560 ohm			S501	92196961	Tact, (F.F)		
R509	90512561	560 ohm			S502	92196961	Tact, (REW)		
R510	90512104	100k ohm			S503	92196961	Tact, (PAUSE)		
R511	90512103	10k ohm			S504	92196961	Tact, (REC)		
R512	90512473	47k ohm			S505	92196961	Tact, (PLAY)		
R513	90512103	10k ohm			S506	92196961	Tact, (STOP)		
R514	90512104	100k ohm			S507	92196961	Tact, (R.MUTE)		
R515	90512274	270k ohm			Counter P. C. Board (2)				
R516	90512102	1k ohm			IC's/LED/FL Tube/Resistors				
R517	90512103	10k ohm			Q507	92128054	IC, μ PD4050BG		
R518	90512473	47k ohm			Q508	92128054	IC, μ PD4050BG		
R519	90512473	47k ohm			D526	A8600645	LED, TLR113AP		
R520	90512105	1M ohm			FL001	92104677	FL Tube		
R521	90512104	100k ohm			R507	90512271	270 ohm		
R535	90512151	150 ohm			R553	90512121	120 ohm		
R536	90512151	150 ohm			R574	92134182	Network, 47k ohm \times 11		
R537	90512181	180 ohm			Power P. C. Board				
R547	90512222	2.2k ohm			Switch/Capacitor				
R580	90512104	100k ohm			S001	92196751	Switch (Power)		
R789	90512273	27k ohm			C001	92340228	0.01 μ F/250V		
R790	90512273	27k ohm							
R791	90512223	22k ohm							
R792	90512223	22k ohm							
R793	90512473	47k ohm							
R794	90512473	47k ohm							

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
Main P. C. Board									
IC's/Transistors									
Q001	36771650	2SC1173-Y.X.JA			Q626	92117428	2SC1740-S		
Q002	36771650	2SC1173-Y.X.JA			Q627	92117428	2SC1740-S		
Q003	36314470	2SC1627A-Y			Q628	92117428	2SC1740-S		
Q004	36533247	2SA966-Y (C)			Q629	92117428	2SC1740-S		
Q501	92128052	IC, BA6218			Q630	92117428	2SC1740-S		
Q502	40413159	IC, TC9310N-060			Q631	92117428	2SC1740-S		
Q503	92117298	IC, UPD4071BC			Q701	92117845	IC, NJM2068SD		
Q504	92117467	IC, UPD4069UBC			Q702	92117814	IC, CX20187		
Q505	40480672	IC, TC5067BP			Q703	92117428	2SC1740-S		
Q512	36319300	2SC1959NEW-Y			Q704	92117428	2SC1740-S		
Q513	36319300	2SC1959NEW-Y			Q705	92128050	IC, BU4066B		
Q514	36314470	2SC1627A-Y			Q706	92117428	2SC1740-S		
Q515	92117428	2SC1740-S			Q707	92117428	2SC1740-S		
Q516	92117428	2SC1740-S			Q708	36534440	2SA1048GR		
Q517	36534440	2SA1048GR			Q709	36534440	2SA1048GR		
Q518	92117428	2SC1740-S			Q711	92117150	2SD1302-S		
Q519	92117428	2SC1740-S			Q712	92117150	2SD1302-S		
Q520	36534440	2SA1048GR							
Q521	92117428	2SC1740-S							
Q522	36534440	2SA1048GR							
Q523	36534440	2SA1048GR							
Q524	92117428	2SC1740-S							
Q601	92117814	IC, CX20187							
Q602	92128051	IC, BA715							
Q603	92128053	IC, UPC1297CA							
Q604	92117428	2SC1740-S							
Q605	92117428	2SC1740-S							
Q606	92117428	2SC1740-S							
Q607	92117428	2SC1740-S							
Q609	92117428	2SC1740-S							
Q610	92117428	2SC1740-S							
Q611	92117428	2SC1740-S							
Q612	92117428	2SC1740-S							
Q613	36342200	2SC2878-A							
Q614	36342200	2SC2878-A							
Q615	92117428	2SC1740-S							
Q616	92117428	2SC1740-S							
Q617	92117428	2SC1740-S							
Q618	92117428	2SC1740-S							
Q619	92117428	2SC1740-S							
Q620	92117428	2SC1740-S							
Q621	36325549	2SC2236-Y (C)							
Q622	36314470	2SC1627A-Y							
Q623	92117428	2SC1740-S							
Q625	92117428	2SC1740-S							
Diodes									
● D001	92119353	1A2-BD-80							
■ D001	92119310	1A2-E							
▲ D001	92119310	1A2-E							
● D002	92119353	1A2-BD-80							
■ D002	92119310	1A2-E							
▲ D002	92119310	1A2-E							
● D003	92119353	1A2-BD-80							
■ D003	92119310	1A2-E							
▲ D003	92119310	1A2-E							
● D004	92119353	1A2-BD-80							
■ D004	92119310	1A2-E							
▲ D004	92119310	1A2-E							
D005	92115538	Zener, RD12E-B3							
D006	92119066	Zener, RD6.8E-B2							
D007	92119310	1A2-E							
D008	92119310	1A2-E							
D009	92115922	Zener, RD7.5E-B3							
D010	92115970	Zener, RD11E-B3							
D501	92119223	1SS131							
D502	92119073	1SS133							
D504	92119073	1SS133							
D505	92119073	1SS133							
D506	92119073	1SS133							
D507	92119073	1SS133							
D508	92119073	1SS133							
D509	92119073	1SS133							
D510	92119073	1SS133							
D511	92119310	1A2-E							
D512	92119073	1SS133							
D513	92119073	1SS133							

Notes : ● : West German model only (AD), ▲ : Canadian model only (UQ),
 ■ : American model only (UC), Others : Common.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description			
Capacitors										
D515	92119073	ISS133			C002	90416332	ELY., 3300 μ F/25V			
D516	92119073	ISS133			C003	90415101	ELY., 100 μ F/16V			
D517	92119073	ISS133			C004	90415101	ELY., 100 μ F/16V			
D518	92119073	ISS133			C005	90415331	ELY., 330 μ F/16V			
D520	92119073	ISS133			C006	90415471	ELY., 470 μ F/16V			
D523	92119073	ISS133			C007	90415471	ELY., 470 μ F/16V			
D525	92119073	ISS133			C008	90415470	ELY., 47 μ F/16V			
D532	92119073	ISS133			C009	90415101	ELY., 100 μ F/16V			
D533	92119073	ISS133			C010	90416471	ELY., 470 μ F/25V			
D534	92119073	ISS133			C011	90416471	ELY., 470 μ F/25V			
D535	92119073	ISS133			C012	90415100	ELY., 10 μ F/16V			
D536	92119073	ISS133			C418	90418339	ELY., 3.3 μ F/50V			
D537	92119073	ISS133			C501	90418479	ELY., 4.7 μ F/50V			
D601	92119073	ISS133			C502	90418479	ELY., 4.7 μ F/50V			
D602	92119073	ISS133			C503	90318183	CER., 0.018 μ F			
D603	92119073	ISS133			C504	90343102	CER., 0.001 μ F			
D701	92119073	ISS133			C505	90351223	Axial CER., 0.022 μ F			
D702	92119073	ISS133			C506	90341683	CER., 0.068 μ F			
D703	92115937	Zener, RD5.6E-B2			C507	90318473	CER., 0.047 μ F			
D717	92119073	ISS133			C508	90371562	Polyester Film, 5600pF			
☆	D718	92119073 92119073	ISS133 ISS133		C509	90351223	Axial CER., 0.022 μ F			
	Coils					C510	90415100	ELY., 10 μ F/16V		
L601	92232277	Choke, 6.8mH			C511	90353103	Axial CER., 0.01 μ F			
L602	92232277	Choke, 6.8mH			C512	90418229	ELY., 2.2 μ F/50V			
L603	92215149	HX PRO			C513	90418339	ELY., 3.3 μ F/50V			
L604	92215149	HX PRO			C519	90418229	ELY., 2.2 μ F/50V			
L605	92135094	Filter, MPX			C520	90415100	ELY., 10 μ F/16V			
L606	92135094	Filter, MPX			C521	90415100	ELY., 10 μ F/16V			
L607	92215148	OSC			C522	90418478	ELY., 0.47 μ F/50V			
	Switch/Jacks					C601	90418229	ELY., 2.2 μ F/50V		
S510	92190237	Switch-Slide			C602	90418229	ELY., 2.2 μ F/50V			
J501	92169094	Jack-Cont			C603	90418479	ELY., 4.7 μ F/50V			
J601	92198282	Jack, US 4P			C604	90418479	ELY., 4.7 μ F/50V			
	Filters					C605	90418229	ELY., 2.2 μ F/50V		
Z601	92135092	Bias			C606	90418229	ELY., 2.2 μ F/50V			
Z602	92135092	Bias			C607	90371152	Polyester Film, 1500pF			
Z603	92135065	Coil, Skewing			C608	90371152	Polyester Film, 1500pF			
Z604	92135065	Coil, Skewing			C609	90371222	Polyester Film, 2200pF			
Z701	92135093	Bias			C610	90371222	Polyester Film, 2200pF			
Z702	92135093	Bias			C611	90371472	Polyester Film, 4700pF			
Z703	92135065	Coil, Skewing			C612	90371472	Polyester Film, 4700pF			
Z704	92135065	Coil, Skewing			C613	90418478	ELY., 0.47 μ F/50V			
					C614	90418478	ELY., 0.47 μ F/50V			
					C615	92488158	ELY., 0.15 μ F/50V			
					C616	92488158	ELY., 0.15 μ F/50V			

NOTE : ☆ : This part is added to be mounted on the bottom side of P. C. Boards.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
C617	90371153	Polyester Film, 0.015 μ F			C653	90343681	CER., 680pF		
C618	90371153	Polyester Film, 0.015 μ F			C654	90343681	CER., 680pF		
C619	90418228	ELY., 0.22 μ F/50V			C655	90343561	CER., 560pF		
C620	90418228	ELY., 0.22 μ F/50V			C656	90343561	CER., 560pF		
C621	90371683	Polyester Film, 0.068 μ F			C657	90353103	Axial CER., 0.01 μ F		
C622	90371683	Polyester Film, 0.068 μ F			C658	90353103	Axial CER., 0.01 μ F		
C623	90371473	Polyester Film, 0.047 μ F			C659	90343101	CER., 100pF		
C624	90371473	Polyester Film, 0.047 μ F			C660	90343101	CER., 100pF		
C625	90371682	Polyester Film, 6800pF			C661	90351223	Axial CER., 0.022 μ F		
C626	90371682	Polyester Film, 6800pF			C662	90351223	Axial CER., 0.022 μ F		
C627	90371103	Polyester Film, 0.01 μ F			C663	90318104	CER., 0.1 μ F		
C628	90371103	Polyester Film, 0.01 μ F			C664	90318104	CER., 0.1 μ F		
C629	90418479	ELY., 4.7 μ F/50V			C667	90318473	CER., 0.047 μ F		
C630	90418479	ELY., 4.7 μ F/50V			C668	90318473	CER., 0.047 μ F		
C631	90415100	ELY., 10 μ F/16V			C669	90343471	CER., 470pF		
C632	90415100	ELY., 10 μ F/16V			C670	90343471	CER., 470pF		
C633	90414221	ELY., 220 μ F/10V			C671	90415100	ELY., 10 μ F/16V		
C634	90414221	ELY., 220 μ F/10V			C672	90415100	ELY., 10 μ F/16V		
C635	90415101	ELY., 100 μ F/16V			C673	90311100	CER., 10pF		
C637	90371182	Polyester Film, 1800pF			C674	92321224	PP., 2700pF/100V		
C638	90371182	Polyester Film, 1800pF			C675	90415331	ELY., 330 μ F/16V		
C639	90415100	ELY., 10 μ F/16V			C676	90371103	Polyester Film, 0.01 μ F		
C640	90415100	ELY., 10 μ F/16V			C678	90371103	Polyester Film, 0.01 μ F		
C641	90418108	ELY., 0.1 μ F/50V			C679	90418109	ELY., 1 μ F/50V		
C642	90418108	ELY., 0.1 μ F/50V			C680	90415101	ELY., 100 μ F/16V		
C643	90415330	ELY., 33 μ F/16V			C682	90415470	ELY., 47 μ F/16V		
C644	90415330	ELY., 33 μ F/16V			C683	90418229	ELY., 2.2 μ F/50V		
C645	90371103	Polyester Film, 0.01 μ F			C684	90415220	ELY., 22 μ F/16V		
C646	90371103	Polyester Film, 0.01 μ F			C701	90343151	CER., 150pF		
C647	90371103	Polyester Film, 0.01 μ F			C702	90343151	CER., 150pF		
C648	90371103	Polyester Film, 0.01 μ F			C703	92440325	ELY., 10 μ F/16V		
C649	90371682	Polyester Film, 6800pF			C704	92440325	ELY., 10 μ F/16V		
C650	90371682	Polyester Film, 6800pF			C705	90343101	CER., 100pF		
C651	90415100	ELY., 10 μ F/16V			C706	90343101	CER., 100pF		
C652	90415100	ELY., 10 μ F/16V			C707	90311220	CER., 22pF		
					C708	90311220	CER., 22pF		
					C709	90415470	ELY., 47 μ F/16V		
					C710	90415470	ELY., 47 μ F/16V		
					C711	90371103	Polyester Film, 0.01 μ F		
					C712	90371103	Polyester Film, 0.01 μ F		
					C713	90418479	ELY., 4.7 μ F/50V		
					C714	90418479	ELY., 4.7 μ F/50V		
					C715	90371153	Polyester Film, 0.015 μ F		
					C716	90371153	Polyester Film, 0.015 μ F		
					C717	90415221	ELY., 220 μ F/16V		

Symbol No.	Part No.	Description		Symbol No.	Part No.	Description	
C719	90418229	ELY., 2.2 μ F/50V		R001	90516331	330 ohm 1/2W	
C720	90418229	ELY., 2.2 μ F/50V		R002	90531229	Carbon Fuse, 2.2 ohm 1/4W	
C721	90343102	CER., 1000pF		R003	90512121	120 ohm	
C722	90343102	CER., 1000pF		R004	90512391	390 ohm	
C723	90414221	ELY., 220 μ F/10V		R005	90531229	Carbon Fuse, 2.2 ohm 1/4W	
C724	90414221	ELY., 220 μ F/10V		R006	90512102	1k ohm	
C725	90371472	Polyester Film, 4700pF		R007	90531330	Carbon Fuse, 33 ohm 1/4W	
C726	90371472	Polyester Film, 4700pF		R008	90512390	39 ohm	
C727	90418478	ELY., 0.47 μ F/50V		R009	90512330	33 ohm	
C728	90418478	ELY., 0.47 μ F/50V		R010	90512102	1k ohm	
C729	92488158	ELY., 0.15 μ F/50V		R011	90531229	Carbon Fuse, 2.2 ohm 1/4W	
C730	92488158	ELY., 0.15 μ F/50V		R501	90512562	5.6k ohm	
C731	90371153	Polyester Film, 0.015 μ F		R502	90512221	220 ohm	
C732	90371153	Polyester Film, 0.015 μ F		R503	90512225	2.2M ohm	
C733	90418228	ELY., 0.22 μ F/50V		R504	90512103	10k ohm	
C734	90418228	ELY., 0.22 μ F/50V		R505	90512333	33k ohm	
C735	90371683	Polyester Film, 0.068 μ F		R506	90512224	220k ohm	
C736	90371683	Polyester Film, 0.068 μ F		R522	92550497	30k ohm 1/4W (±2%)	
C737	90371473	Polyester Film, 0.047 μ F		R523	90512103	10k ohm	
C738	90371473	Polyester Film, 0.047 μ F		R524	90512103	10k ohm	
C739	90371682	Polyester Film, 6800pF		R525	90512103	10k ohm	
C740	90371682	Polyester Film, 6800pF		R526	90512103	10k ohm	
C741	90371103	Polyester Film, 0.01 μ F		R527	90512223	22k ohm	
C742	90371103	Polyester Film, 0.01 μ F		R528	90512473	47k ohm	
C743	90415100	ELY., 10 μ F/16V		R529	90512473	47k ohm	
C744	90415100	ELY., 10 μ F/16V		R530	90512473	47k ohm	
C745	90415101	ELY., 100 μ F/16V		R531	90512473	47k ohm	
C746	90415100	ELY., 10 μ F/16V		R532	90512473	47k ohm	
C747	90415100	ELY., 10 μ F/16V		R533	90512103	10k ohm	
C748	90415100	ELY., 10 μ F/16V		R534	90512104	100k ohm	
☆ C763	90318473	CER., 0.047 μ F		R538	90531100	Carbon Fuse, 10 ohm 1/4W	
	90418229	ELY., 2.2 μ F/50V		R539	90512331	330 ohm	
				R540	90512222	2.2k ohm	
				R541	90512331	330 ohm	
				R542	92571151	150 ohm 1W	
				R543	90512102	1k ohm	
				R544	90512331	330 ohm	
				R546	90512103	10k ohm	
				R548	90512103	10k ohm	
				R549	90512394	390k ohm	
				R550	90512104	100k ohm	
				R551	90512224	220k ohm	
				R552	90512103	10k ohm	
				R554	90512472	4.7k ohm	
				R555	90512104	100k ohm	

NOTE : ☆ : This part is added to be mounted on the bottom side of P. C. Boards.

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description	
R556	90512103	10k ohm			R635	90512273	27k ohm	
R557	90512103	10k ohm			R636	90512273	27k ohm	
R559	90512103	10k ohm			R637	90512391	390 ohm	
R560	90512473	47k ohm			R638	90512391	390 ohm	
R561	90512103	10k ohm			R639	90512222	2.2k ohm	
R562	90512224	220k ohm			R640	90512222	2.2k ohm	
R563	90512394	390k ohm			R641	90512822	8.2k ohm	
R564	90512103	10k ohm			R642	90512822	8.2k ohm	
R565	90512104	100k ohm			R643	90512392	3.9k ohm	
R566	90512223	22k ohm			R644	90512392	3.9k ohm	
R567	90512103	10k ohm			R645	90512222	2.2k ohm	
R568	90512473	47k ohm			R646	90512222	2.2k ohm	
R570	90512104	100k ohm			R647	90512332	3.3k ohm	
R571	90512104	100k ohm			R648	90512332	3.3k ohm	
R572	90512224	220k ohm			R649	90512223	22k ohm	
R575	90512123	12k ohm			R650	90512223	22k ohm	
R576	90512104	100k ohm			R651	90512223	22k ohm	
R577	90512223	22k ohm			R652	90512223	22k ohm	
R578	90512102	1k ohm			R653	90512393	39k ohm	
R579	90512124	120k ohm			R654	90512393	39k ohm	
R601	90512273	27k ohm			R655	90512223	22k ohm	
R602	90512273	27k ohm			R656	90512223	22k ohm	
R607	90512562	5.6k ohm			R657	90512223	22k ohm	
R608	90512562	5.6k ohm			R658	90512223	22k ohm	
R609	90512822	8.2k ohm			R659	90512223	22k ohm	
R610	90512822	8.2k ohm			R660	90512223	22k ohm	
R611	90512392	3.9k ohm			R661	90512223	22k ohm	
R612	90512392	3.9k ohm			R662	90512223	22k ohm	
R613	90512272	2.7k ohm			R663	92658947	Semi-Variable, 100k ohm	
R614	90512272	2.7k ohm			R664	92658947	Semi-Variable, 100k ohm	
R615	90512431	430 ohm			R665	92658946	Semi-Variable, 50k ohm	
R616	90512431	430 ohm			R666	92658946	Semi-Variable, 50k ohm	
R617	90512682	6.8k ohm			R667	92658944	Semi-Variable, 10k ohm	
R618	90512682	6.8k ohm			R668	92658944	Semi-Variable, 10k ohm	
R619	90512681	680 ohm			R669	90512154	150k ohm	
R620	90512681	680 ohm			R670	90512154	150k ohm	
R621	90512103	10k ohm			R671	90512333	33k ohm	
R622	90512103	10k ohm			R672	90512333	33k ohm	
R623	92658946	Semi-Variable, 50k ohm			R673	90512104	100k ohm	
R624	92658946	Semi-Variable, 50k ohm			R674	90512561	560 ohm	
R625	90512332	3.3k ohm			R675	90512224	220k ohm	
R626	90512332	3.3k ohm			R676	90512153	15k ohm	
R627	90512472	4.7k ohm			R677	90512680	68 ohm	
R628	90512472	4.7k ohm			R678	90512182	1.8k ohm	
R629	90512104	100k ohm			R679	90512472	4.7k ohm	
R630	90512104	100k ohm						
R631	90512823	82k ohm						
R632	90512823	82k ohm						
R633	90512104	100k ohm						
R634	90512104	100k ohm						

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
R680	90512223	22k ohm			R736	90512392	3.9k ohm		
R681	90512223	22k ohm			R737	90512272	2.7k ohm		
R682	92500468	Carbon Fuse, 4.7 ohm 1/4W			R738	90512272	2.7k ohm		
R683	90512103	10k ohm			R739	90512682	6.8k ohm		
R684	90512103	10k ohm			R740	90512682	6.8k ohm		
R685	90512472	4.7k ohm			R741	90512681	680 ohm		
R686	90512472	4.7k ohm			R742	90512681	680 ohm		
R687	90512223	22k ohm			R743	92570777	100k ohm 1/4W		
R688	90512223	22k ohm			R745	90512123	12k ohm		
R689	92570777	100k ohm 1/4W			R746	90512123	12k ohm		
R690	90512103	10k ohm			R747	90512123	12k ohm		
R691	90512103	10k ohm			R748	90512123	12k ohm		
R692	90512103	10k ohm			R749	90512123	12k ohm		
R693	90512472	4.7k ohm			R750	90512123	12k ohm		
R694	90512123	12k ohm			R751	90512104	100k ohm		
R695	90512103	10k ohm			R752	90512104	100k ohm		
R696	90512223	22k ohm			R753	90512473	47k ohm		
R697	90512103	10k ohm			R754	90512473	47k ohm		
R698	90512123	12k ohm			R755	90512472	4.7k ohm		
R699	90512221	220 ohm			R756	90512472	4.7k ohm		
R700	90512472	4.7k ohm			R757	90512562	5.6k ohm		
R701	90512224	220k ohm			R758	90512562	5.6k ohm		
R702	90512224	220k ohm			R759	90512223	22k ohm		
R705	90512394	390k ohm			R760	90512223	22k ohm		
R706	90512394	390k ohm			R761	90512223	22k ohm		
R709	90512123	12k ohm			R762	90512223	22k ohm		
R710	90512123	12k ohm			R763	90512104	100k ohm		
R711	92658940	Semi-Variable, 500 ohm			R765	90512561	560 ohm		
R712	92658940	Semi-Variable, 500 ohm			R766	90512561	560 ohm		
R713	90512472	4.7k ohm			R767	90512103	10k ohm		
R714	90512472	4.7k ohm			R768	90512103	10k ohm		
R715	90512392	3.9k ohm			R769	90512472	4.7k ohm		
R716	90512392	3.9k ohm			R770	90512472	4.7k ohm		
R717	90512224	220k ohm			R787	90512102	1k ohm		
R718	90512224	220k ohm			R788	90512102	1k ohm		
R719	90512223	22k ohm			R814	90512562	5.6k ohm		
R720	90512223	22k ohm			R815	90512102	1k ohm		
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R722	90512104	100k ohm			R818	90512103	10k ohm		
R723	90512821	820 ohm			R819	90512104	100k ohm		
R724	90512680	68 ohm			R820	90512104	100k ohm		
R725	90512221	220 ohm			R821	90512689	6.8 ohm		
R726	90512223	22k ohm			R822	90512473	47k ohm		
R727	90512822	8.2k ohm			R823	90512103	10k ohm		
R728	90512822	8.2k ohm			R824	90512332	3.3k ohm		
R731	90512103	10k ohm			R827	90512222	2.2K ohm		
R732	90512103	10k ohm			R829	90512563	56K ohm		
R733	90512431	430 ohm			R830	90512223	22k ohm		
R734	90512431	430 ohm			R831	90512103	10k ohm		
R735	90512392	3.9k ohm			R832	90512563	56k ohm		

Symbol No.	Part No.	Description			Symbol No.	Part No.	Description		
Miscellaneous									
● T001	92224749	Trans-PT							
■ T001	92224748	Trans-PT							
▲ T001	92224748	Trans-PT							
● J001	92169225	Socket-AC-03P							
■ P001	92176756	Cord, Power							
▲ P001	92176756	Cord, Power							
HD001	22217528	Head, Record/ Playback							
HD002	22218255	Head, Evase							
RM1	25791358	Reel Motor Assy.							
CM1	25791796	Capstan Motor Assy.							
PT1	26112144	Sensor P. C. Board Assy.							
L1	22147248	Solenoid							

Notes : ● : West German model only (AD), ▲ : Canadian model only (UQ),
 ■ : American model only (UC), Others : Common.

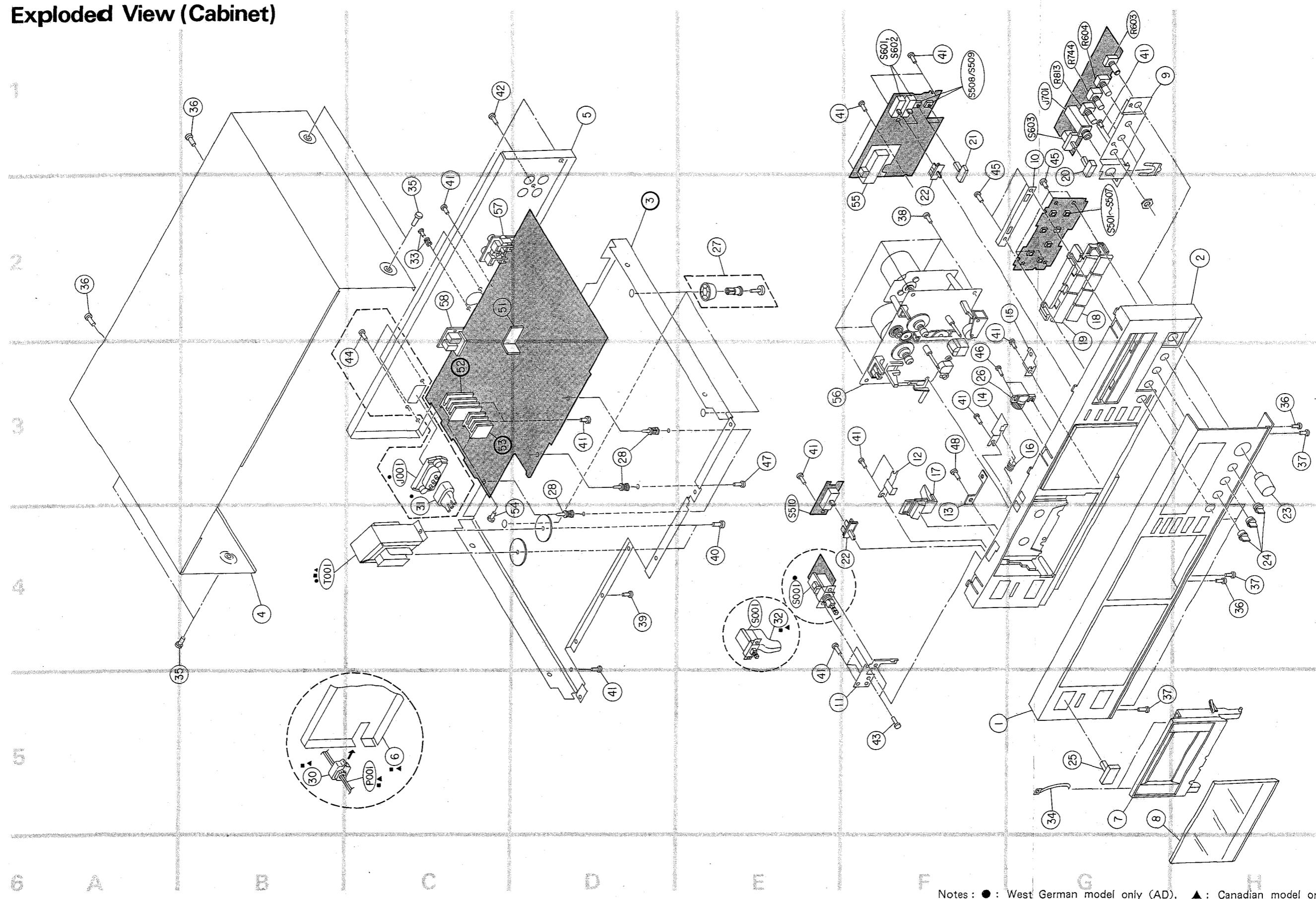
Cabinet Assembly Parts List

NOTE : The parts without part numbers are not supplied.

Symbol No.	Index	Part No.	Description		Symbol No.	Index	Part No.	Description	
	1	5-F	95812610	Panel-Front		35		92707040	Screw, BID Hd.
	2	2-H	95829767	Sub-Panel- Assy.		36		92707911	4d × 6mm (Black)
●	4	4-B	92882651	Top-Cover		37		92707942	Screw, BID Hd.
●	5	1-D	90826852	Plate-Jack		38	2-F	92702202	Tapping
■	6	5-C	90826853	Plate-Jack		39	4-D	92708276	3d × 8mm (Black)
▲	6	5-C	90826853	Plate-Jack		40	4-E	92708047	Screw, BID Hd.
	7	5-G	95812653	Cassette-Holder- Assy.		41		92707842	Tapping
	8	5-G	95812613	Cover-Cassette		42	1-C	92707826	4d × 8mm
	9	1-G	92755905	Bracket-Volume		43	5-F	92708624	Screw, BID Hd.
	10	1-G	95848644	Stay		44	3-C	92707445	Tapping
	11	5-E	92755906	Mount-Power		45		92708208	3d × 8mm
	12	3-F	92755904	Mount-Eject		46	3-F	92708827	Screw, BID Hd.
	13	4-F	95848645	Stay-C		47	3-E	92707910	Tapping
	14	3-F	95864350	Mount-Cassette- Holder-L		48	3-F	92707979	3d × 10mm
	15	2-F	95864272	Mount-Cassette- Holder-R		49		92747678	Screw, FLT Hd.
	16	3-G	92776814	Eject-Spring		50		92708539	3d × 6mm
	17	3-F	95826946	Eject-Knob		51	2-C	92755907	Screw, BID Hd.
	18	2-G	95826944	Operation-Knob- Type B		52		96212300	Tapping
	19	3-G	95826943	Operation-Knob- Type A		53	2-C	92198282	2.6d × 10mm
	20	2-G	95826938	Push-Knob		54		92169094	Screw, PAN Hd.
	21	1-F	95826945	Push-Knob		55	2-F	92747678	with Washer
	22		95826947	Slide-Knob		56	3-E	92708539	2.6d × 8mm
	23	4-H	95826941	Volume-Knob		57	2-C	92755907	Shield-Plate
	24	4-H	90872225	Bias-Volume- Knob		58		F.L.D.-Holder	
	25	5-G	95826942	Power-Knob				Mecha-Assy.	
	26	3-F	95883246	Damper-New				Jack-US-4P	
■	27	2-E	90842679	Foot				Jack-D.I.N.-8P	
	28		92755908	P.C.B.-Support					
■	30	5-B	95844322	Cord-Bush					
▲	30	5-B	95844322	Cord-Bush					
●	31	4-C	92184238	Cover-AC-Inlet					
■	32	4-E	92758261	Cover-Sw.					
▲	32	4-E	92758261	Cover-Sw.					
	33	2-C	90798758	Special-Rivet					
	34	5-G	95779272	Spring-C-Hold					

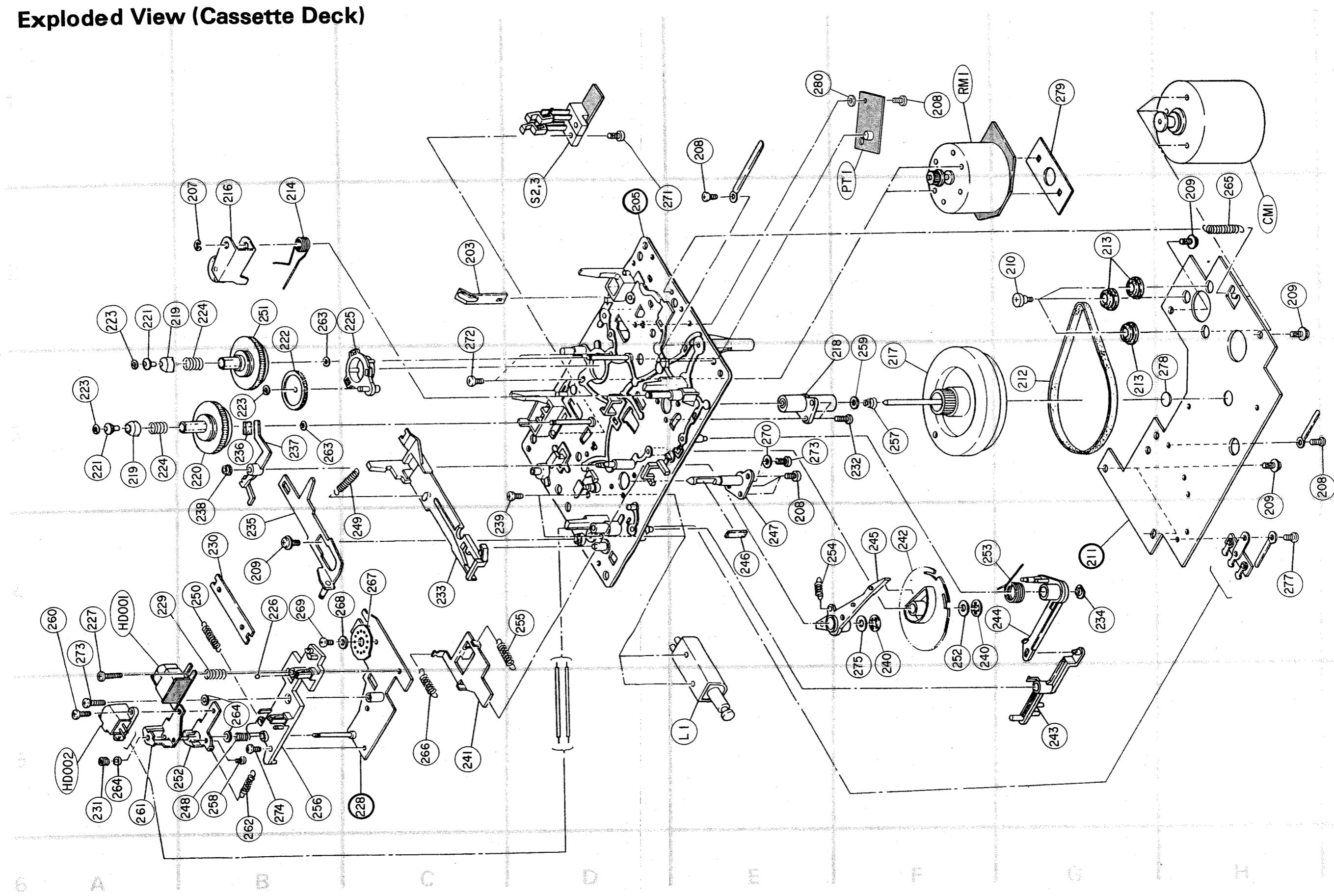
Notes : ● : West German model only (AD), ▲ : Canadian model only (UQ),
 ■ : American model only (UC), Others : Common.

Exploded View (Cabinet)



Notes : ● : West German model only (AD), ▲ : Canadian model only (UQ),
■ : American model only (UC), Others : Common.

Exploded View (Cassette Deck)



Cassette Deck Assembly Parts List

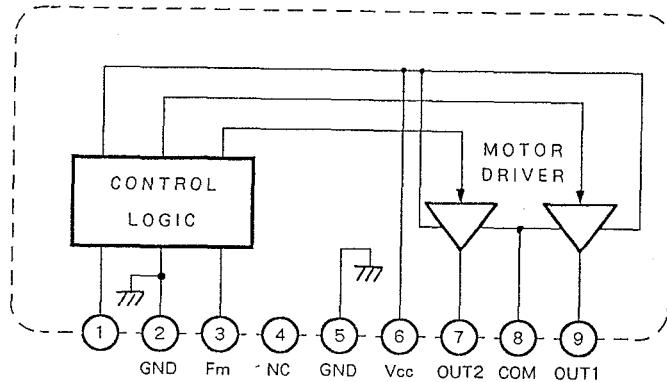
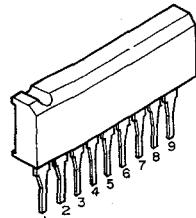
Symbol No.	Index	Part No.	Description		
203	2-C	25779142	Spring, Holder		
207	2-B	22708568	Retaining Ring, 2mmd		
208		22707350	Screw, BID Hd. 2.6d x 5mm		
209		22707361	Screw, PAN Hd. with Washer 2.6d x 8mm		
210	2-G	22707429	Screw, Special, 2.6d x 4.9mm		
212	3-G	25755480	Belt, Drive		
213		25761238	Cushion, Motor		
214	2-B	25773526	Spring, Pressure Roller		
216	2-B	25717484	Pressure Roller		
217	3-F	25797045	Flywheel Assy.		
218	3-E	25717472	Holder Assy., Capstan		
219		25754304	Reel Coller		
220	3-B	25754383	Reel Drum		
221		25754384	Reel Cap		
222	3-B	25756241	Transfer Gear		
223		25766050	Washer		
224		25777033	Spring, Reel		
225	2-B	25713581	Lever Assy., Take-up		
226	4-B	22757120	Steel Ball, 3mmd		
227	4-A	22707669	Screw, BID Hd. 2d x 2mm		
229	4-A	25772240	Spring Head		
230	4-B	25779140	Spring Head Slider		
231	5-A	25783258	Nut, Special		
232	3-F	22707366	Screw, BID Hd. 2.6d x 6mm		
233	4-C	25782425	Lock Slider		
234	4-G	25783226	Bush		
235	4-B	20755722	Eject Lever Assy.		
236	3-B	25762406	Friction Felt Shoe		
237	3-B	25782418	Tension Lever		
238	4-B	25783199	Washer, Tension Lever		
239	4-C	22708529	Screw, BID Hd. 2.6d x 4mm		
240		20798033	Ring		
241	5-C	25741833	Slider, Play		
242	4-F	25756248	Cam Gear, Play		
243	5-G	25782414	Lever, Solenoid		

Symbol No.	Index	Part No.	Description		
244	4-F	25782415	Lock Lever, Play		
245	4-F	25782422	Lever, Play		
246	4-E	25762404	Pad, Erase Head		
247	4-E	25791301	Shaft Assy., Head Pad		
248	5-A	25777040	Spring, Erase Head		
249	4-C	25776516	Spring, Lock Slider		
250	4-B	25776317	Spring, Head Mtg.		
251	2-B	25712408	Reel Drum Assy.		
252		25734448	Fixing Plate		
253	4-F	25773529	Spring, Play Lock Lever		
254	4-E	25776288	Spring, Play Lever		
255	4-D	25771806	Spring, Play Slider		
256	5-B	25783234	Mtg. Plate, Head		
257	3-F	25777071	Spring, Flywheel		
258	5-B	22708523	Screw, BID Hd. 2d x 3mm		
259	3-F	25764486	Washer, Flywheel		
260	4-A	22707923	Screw, BID Hd. 2d x 6mm		
261	5-A	25748539	Lever, Erase Head		
262	5-B	25776142	Spring		
263		25764597	Washer, Reel Drum		
264	5-A	25735256	Washer, Erase Head		
265	2-H	25776313	Spring		
266	5-C	25776316	Spring		
267	4-C	25741851	Adjusting Plate, Head		
268	4-B	25708524	Spacer, Adjusting Plate		
269	4-B	22708524	Screw, BID Hd. 2d x 4mm		
270	3-E	25735257	Washer Pad Pin		
271	2-D	22707301	Screw, BID Hd. Tapping		
272	3-C	22708533	2.6d x 8mm		
273		22708525	Screw, BID Hd. 2.6d x 8mm		
274	5-B	22707426	Screw, BID Hd. 2d x 5mm		
275	5-F	22708562	Washer, 3mm		
277	4-H	22707445	Screw, BID Hd. 3d x 6mm		
278	3-G	25764593	Washer, Thrust		
279	1-G	25766064	Sheet, Protector		
280	1-E	22753786	Washer		

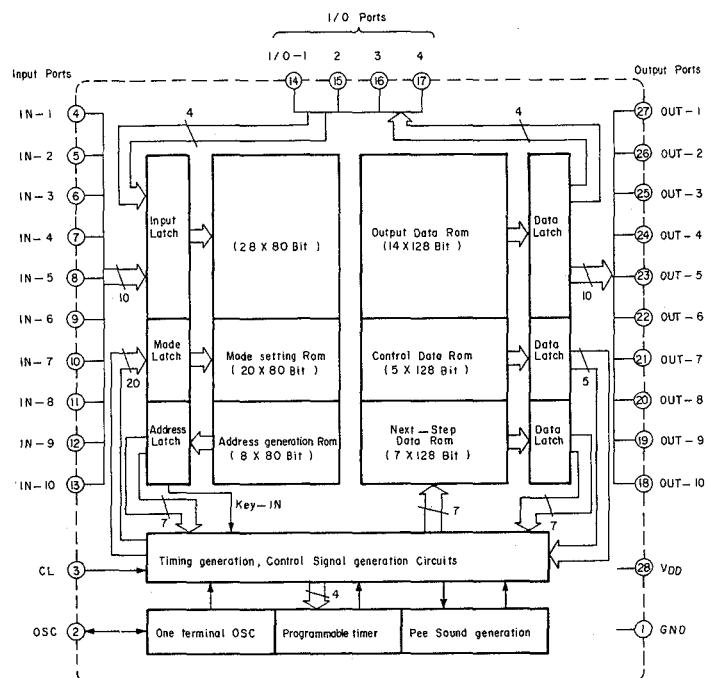
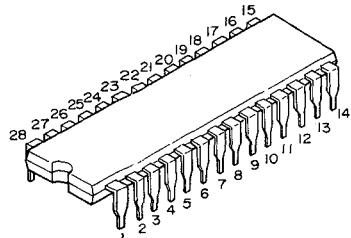
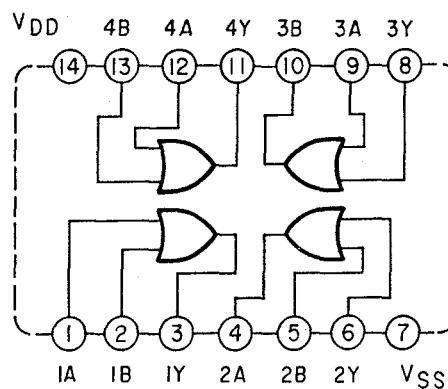
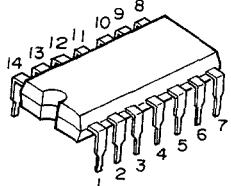
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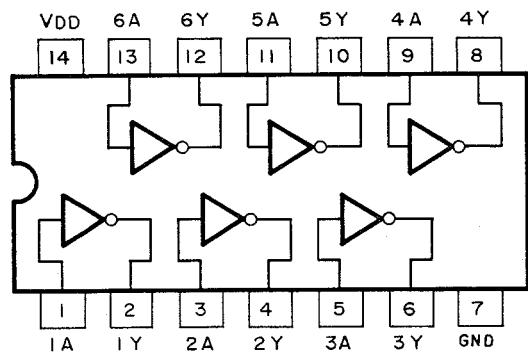
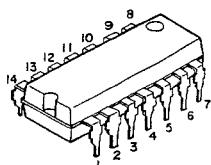
Semi-Conductor Lead Identifications

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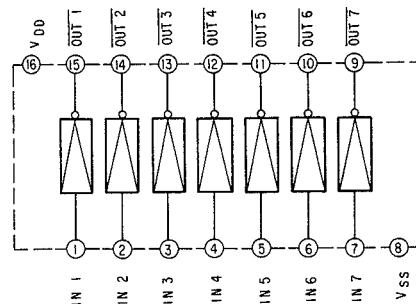
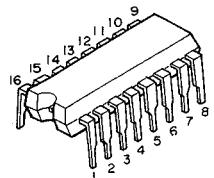


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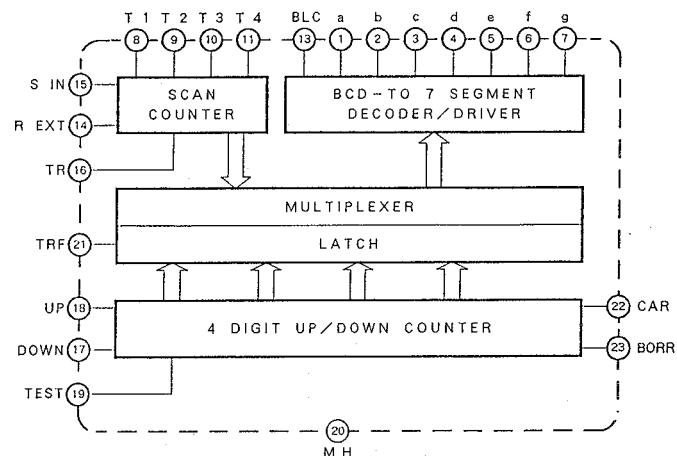
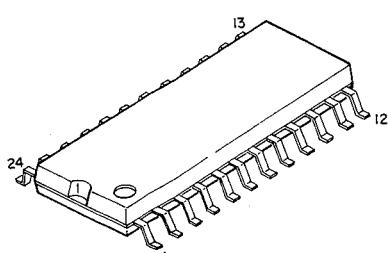
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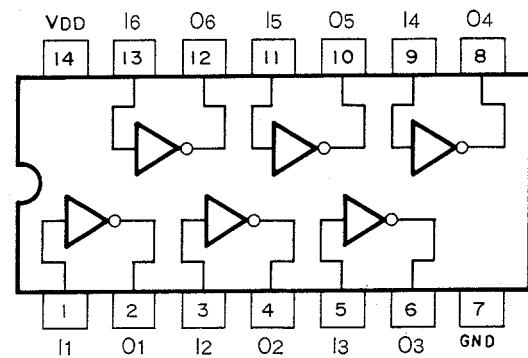
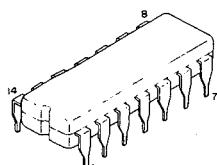
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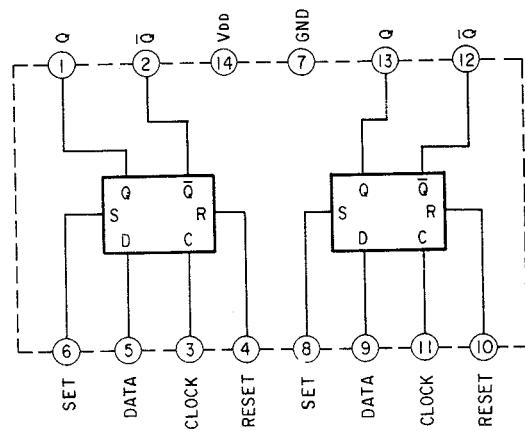
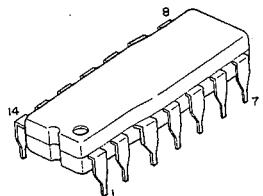
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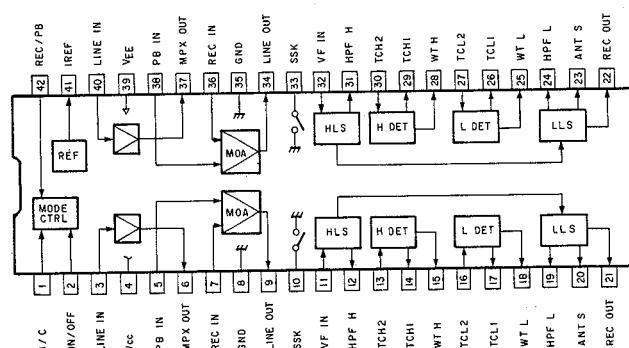
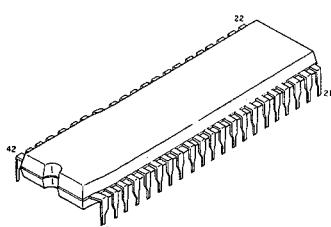
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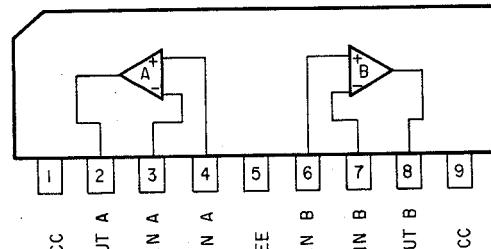
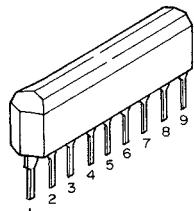
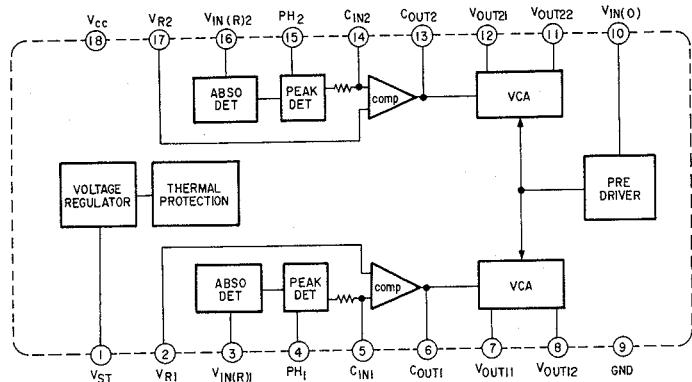
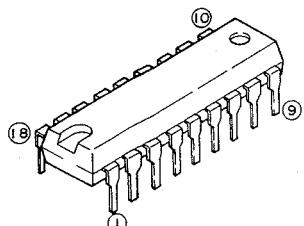
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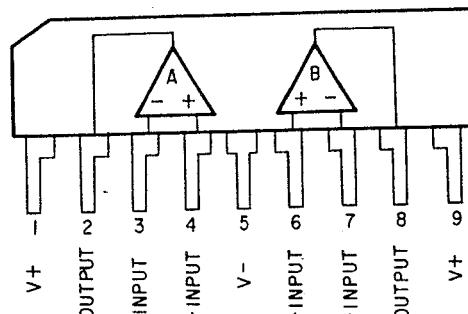
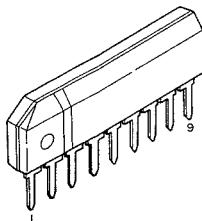
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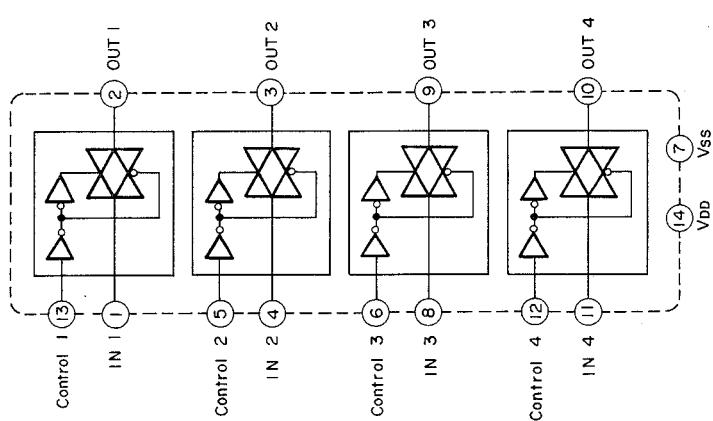
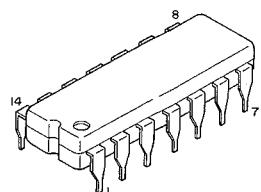
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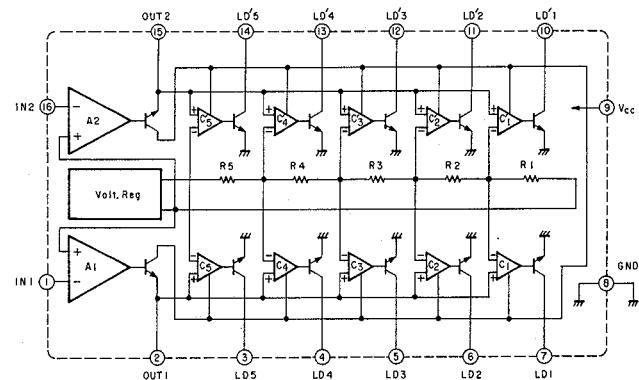
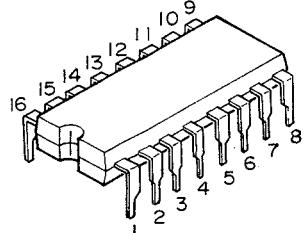
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TA7666P : Q713

 μ PD4050BG : Q902, 903